

DUPLICATE

SUBMIT IN THIS CASE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Gulf Oil Corporation

## 3. ADDRESS OF OPERATOR

c/o Haymaker &amp; Associates

1720 South Poplar, Suite 5, Casper, Wyoming 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FSL &amp; 660' FEL

At proposed prod. zone

SE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 19

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

This location is 5.5 miles east of Ouray, Utah

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)DIVISION OF OIL & MINING  
660' GAS & MINING 1,237.99

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

4,600'

## 19. PROPOSED DEPTH

5,700'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,684' Gr.

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

All new

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# K-55 STC	1,000'	345 sx
7 7/8"	5 1/2"	14# K-55 STC	5,700'	267 sx & 76 sx

1. Propose to drill 12 1/4" hole to 1,000', set 9 5/8" casing and cement to surface.
2. Drill 7 7/8" hole to T.D.; if productive, set 5 1/2" casing at T.D. and cement in two stages: T.D. to 4,300' & 2,400' to 2,000'.  
This will be a Green River test.

Exhibits Attached

- |                                      |   |
|--------------------------------------|---|
| A. Location and Elevation Plat       | E. Access Road Map                      |
| B. Ten point Compliance Program      | F. Radius Map of Existing Wells         |
| C. Blowout Preventer Diagram         | G. Drill Rig Layout with Cross Sections |
| D. Multipoint Requirement for A.P.D. | H. Fluid Stimulation Layout             |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*G. E. Williams*

TITLE

*Dry Supt.*

DATE

*4/24/81*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*

TITLE

FOR E. W. GUYNN  
DISTRICT ENGINEER

DATE

*MAY 1981*

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NOTICE OF APPROVAL

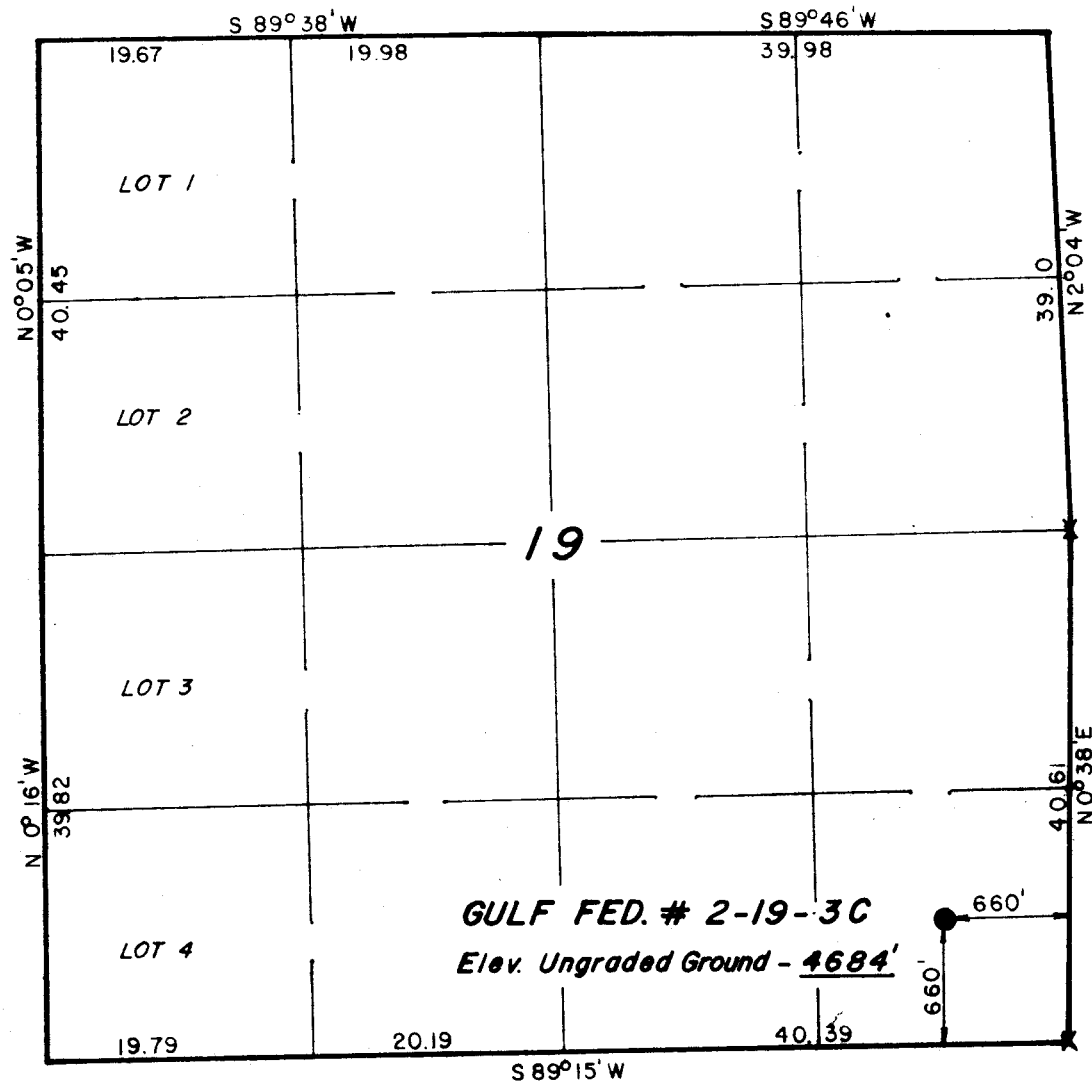
FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

**T8S, R21E, S.L.B.&M.**

PROJECT

**GULF OIL CORP**

Well location, *GULF FED. # 2-19-3C*, located as shown in the  
SE1/4 SE1/4 Section 19, T8S,  
R 21E, S.L.B. & M.  
Uintah County, Utah



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence E. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 3137  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3/27/81
PARTY RK BK RDR	REFERENCES GLO PLAT
WEATHER PARTLY CLOUDY/WIND	FILE GULF OIL CORP.

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Gulf Oil Corporation  
Project Type Oil Well - Development Wonsit Valley  
Project Location 660' FSL & 660' FEL 19-8S-21E  
Well No. 1-19-3C Lease No. U-0140740  
Date Project Submitted April 27, 1981

FIELD INSPECTION

Date May 7, 1981

Field Inspection  
Participants

Craig Hansen	U.S.G.S. - Vernal
Lynn Hall	B.I.A. - Ft. Duchesne
Bill Groves	Gulf Oil
John Jones	Expeditor
Jack Skewes	Dirt Contractor
Floyd Murray	Dirt Contractor

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

May 11, 1981  
Date Prepared

Craig Hansen  
Environmental Scientist

I concur

5/12/81  
Date

E. L. Murray  
District Supervisor

Typing In May 11, 1981 Typing Out May 11, 1981

# CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety	5-11-81 BIA						2	5-7-81 2,4,6	
Unique charac- teristics							2	2,4,6	
Environmentally controversial							2	2,4,6	
Uncertain and unknown risks						2	2	2,4,6	
Establishes precedents							2	2,4,6	
Cumulatively significant							2	2,4,6	
National Register historic places	1								
Endangered/ threatened species	1								
Violate Federal, State, local, tribal law	1								

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR GULF WELL 1-19-3C

1. Adhere to BIA surface stipulations.
2. Two feet of gravel will be placed on access road and location.
3. An 18" x 60' culvert will be placed at entrance of access and existing pad.
4. Production facilities will be painted a color (tan) to blend in with the natural surroundings.

Utah and Ouray Agency  
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Gulf Oil Corporation proposes to drill an Oil well Federal 1-19-3C to a proposed depth of 5700 feet; to construct approximately 0.6 miles of new access road; and upgrade approximately 0.1 miles of existing access road. The well site is located approximately 5.5 miles east of Ouray, Utah in the SESE, Sec. 19, T. 8S, R. 21E, SIM 660' FSL & 660' FEL

2. Description of the Environment:

The area is used for livestock grazing wildlife, scenic values and oil and gas drilling and production. The topography is nearly level flood plain from low rolling hills. The vegetation consists of russian thistle, lambsquarter and other annuals very sparse vegetation on this site

The area is used as wildlife habitat for X deer, X antelope, elk, bear, X small animals, pheasant X dove, sage grouse, ruffle grouse, blue grouse, bald eagle X, golden eagle, other raptors, rodents, reptiles desert birds, rabbits, coyotes. The climate is characterized by having cold snowy winters and warm dry summers. Temperatures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is 6-8 inches. The elevation is 4684 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from 4 acres of land occupied by the well site and access road. The disturbance of the soil and removal of vegetation will:

- A. Destroy wildlife habitat for: X deer, X antelope, elk, bear, X small animals, pheasant X dove, sage grouse, ruffle grouse, blue grouse, X rabbit, X golden eagle, bald eagle, other rodents, reptiles
- B. Remove from production: X rangeland for livestock grazing, irrigated cropland, irrigated pastureland, prime timberland, pinion-juniper land.
- C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and production of the well human activity in the area will increase significantly. This is expected to significantly increase: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, theft of firewood, X litter accumulations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public health and safety. There is a high, X moderate, slight possibility that pollution from this activity will enter a stream or lake.
- Production facilities can easily be seen from a: community, major highway public facility.

4. Mitigating Measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Ed M. Gwyn, District Engineer, U.S. Geological Survey, dated February 11, 1990 will be implemented. Additional stipulations and changes to the 11 point surface use plan are: (1) Obtain right-of-ways and permits from the assume responsibility for adverse impacts resulting from his activity and take corrective measures as needed. (4) Pay surface owner for damages. (5) Comply with the APD plan and with additions and modifications as recorded in USGS EA#424-81

LEASE NO. U-0140-740  
WELL NO. Gulf - Federal 1-19-3C

5. Unavoidable adverse effect:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental Impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to sunny wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultation:

Craig Hansen - USGS - Vernal, Utah

Bill Groves - Gulf Oil Corporation

Jack Skewes - Contractor - Skewes & Hamilton Co.

Jim Hacking - Contractor - Casada Co.

Earl Cady - Contractor - Ross Co.

*R. Lynn Hall* 5-11-87  
B.I.A. Representative



10. We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information 5-7-81, we have cleared the proposed location in the following areas of environmental impact:

Yes ☒ No ☐ Listed threatened or endangered species

Yes ☒ No ☐ Critical wildlife habitat

Yes ☒ No ☐ Historical or cultural resources

Yes ☐ No ☐ Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes ☐ No ☐ Other (if necessary)

Remarks: \_\_\_\_\_

The necessary surface protection and rehabilitation requirements are specified above.

R. Lynn Hall 5-11-81  
B.L.A. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (c).

C. Raymond  
Superintendent

FROM: : DISTRICT GEOLOGIST, ~~SE~~, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0140740OPERATOR: Gulf OilWELL NO. Fed. 1-19-3CLOCATION: C SE  $\frac{1}{2}$  SE  $\frac{1}{2}$  sec. 19, T. 8S., R. 21E., SLMUintah County, Utah

## 1. Stratigraphy:

Uintah	surface
Green River	2270'
<u>TD</u>	<u>5700'</u>

## 2. Fresh Water:

Fresh water may be present in the Uintah.

## 3. Leasable Minerals:

Oil shale: Green River (~2270' to ~5250'). The Mahogany zone should occur at ~3075'.

Saline minerals: Green River. These may occur in a 800' rock interval immediately overlying the Mahogany.

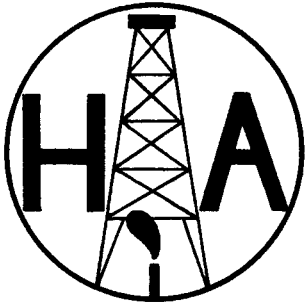
Oil: lower Green River

## 4. Additional Logs Needed: Adequate

## 5. Potential Geologic Hazards: None expected

## 6. References and Remarks:

Signature: Gregory W. WoodDate: 5-5-81



## **HAYMAKER & ASSOCIATES**

*Professional Engineering Services*

*1720 S. Poplar, Suite 5, Casper, Wyoming 82601*

*Ph. (307) 234-6186*

May 21, 1981

State of Utah  
Department of Natural Resources  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Drilling Application for Gulf Oil  
Corporation Well Fed. #1-19-3C,  
Lease #U-140740, SE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 19,  
T. 8 South, Rge. 21 East, S. L. M.,  
Uintah County, Utah

Gentlemen:

As required by your Rule C-4 Notice of Intention to Drill, we are enclosing for the subject well three copies of Notice of Intention to Drill with attached Surveyor's Plats filed with the U. S. Geological Survey.

Your prompt approval will be greatly appreciated.

Very truly yours,

HAYMAKER & ASSOCIATES

*E. R. Haymaker*  
E. R. Haymaker, P. E. #2140

*RECEIVED*  
MAY 26 1981  
DIVISION OF  
OIL, GAS & MINING

Enclosures

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK      **DRILL ☒**      **DEEPEN ☐**      **PLUG BACK ☐**

b. TYPE OF WELL  
OIL WELL ☒      GAS WELL ☐      OTHER ☐      SINGLE ZONE ☐      MULTIPLE ZONE ☐

2. NAME OF OPERATOR

**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR      **c/o Haymaker & Associates**

**1720 South Poplar, Suite 5, Casper, Wyoming 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

**660' FSL & 660' FEL**

At proposed prod. zone

**SE 1/4 Sec. 19**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

**This location is 5.5 miles east of Ouray, Utah**

16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

**660'**

17. NO. OF ACRES IN LEASE

**1,237.99**

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

**4,600'**

19. PROPOSED DEPTH

**5,700'**

20. NO. OF ACRES ASSIGNED  
TO THIS WELL

**40**

21. ROTARY OR CABLE TOOLS

**Rotary**

22. ELEVATIONS (Show whether DF, RT, GR, etc.)

**4,684' Gr.**

23. APPROX. DATE WORK WILL START\*

**As soon as approved**

24. PROPOSED CASING AND CEMENTING PROGRAM

**All new**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>36# K-55 STC</b>	<b>1,000'</b>	<b>345 sx</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>14# K-55 STC</b>	<b>5,700'</b>	<b>267 sx &amp; 76 sx</b>

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This will be a Green River test.

**Exhibits Attached**

- Location and Elevation Plat
- Ten point Compliance Program
- Blowout Preventer Diagram
- Multipoint Requirement for A.P.D.

- Access Road Map
- Radius Map of Existing Wells
- Drill Rig Layout with Cross Sections
- Plat of Survey

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

**DATE:** \_\_\_\_\_

**BY:** \_\_\_\_\_

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*G. E. Williams*

TITLE

*Dry Supt.*

DATE

*4/20/81*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FOR

**E. W. GUYNN  
DISTRICT ENGINEER**

DATE

**MAY 14 1981**

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

**CONDITIONS OF APPROVAL ATTACHED**

**NOTICE OF APPROVAL**

\*See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

*o.g. unit*

307-234-6186

**\*\* FILE NOTATIONS \*\***

DATE: Aug. 10, 1981  
OPERATOR: Duff Oil Corp.  
WELL NO: Whiton Federal #1-19-3C  
Location: Sec. 19 T. 8S R. 21E County: Uintah

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-31065

CHECKED BY:

Petroleum Engineer: M. J. Minder 9-2-81  
Will send full exhibits package (John 8/20/81)

Director: \_\_\_\_\_

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

September 2, 1981

Gulf Oil Corp.  
1720 Popular, STE. #5,  
Casper, Wyoming 82601

RE: Well No. Whiton Federal #1-19-3C,  
Sec. 19, T. 8S, R. 21E,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-3771  
Home: 876-3001

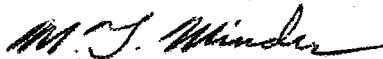
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31065.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/db  
CC: USGS

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**

**DATE: 9-2-81**

**BY: M. J. Minder**

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24. SIGNED G. E. Williams TITLE Drg. Supt. DATE 4/24/81

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
FOR **E. W. GUYNN**  
**DISTRICT ENGINEER** DATE **MAY 14 1981**

APPROVED BY [Signature] TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

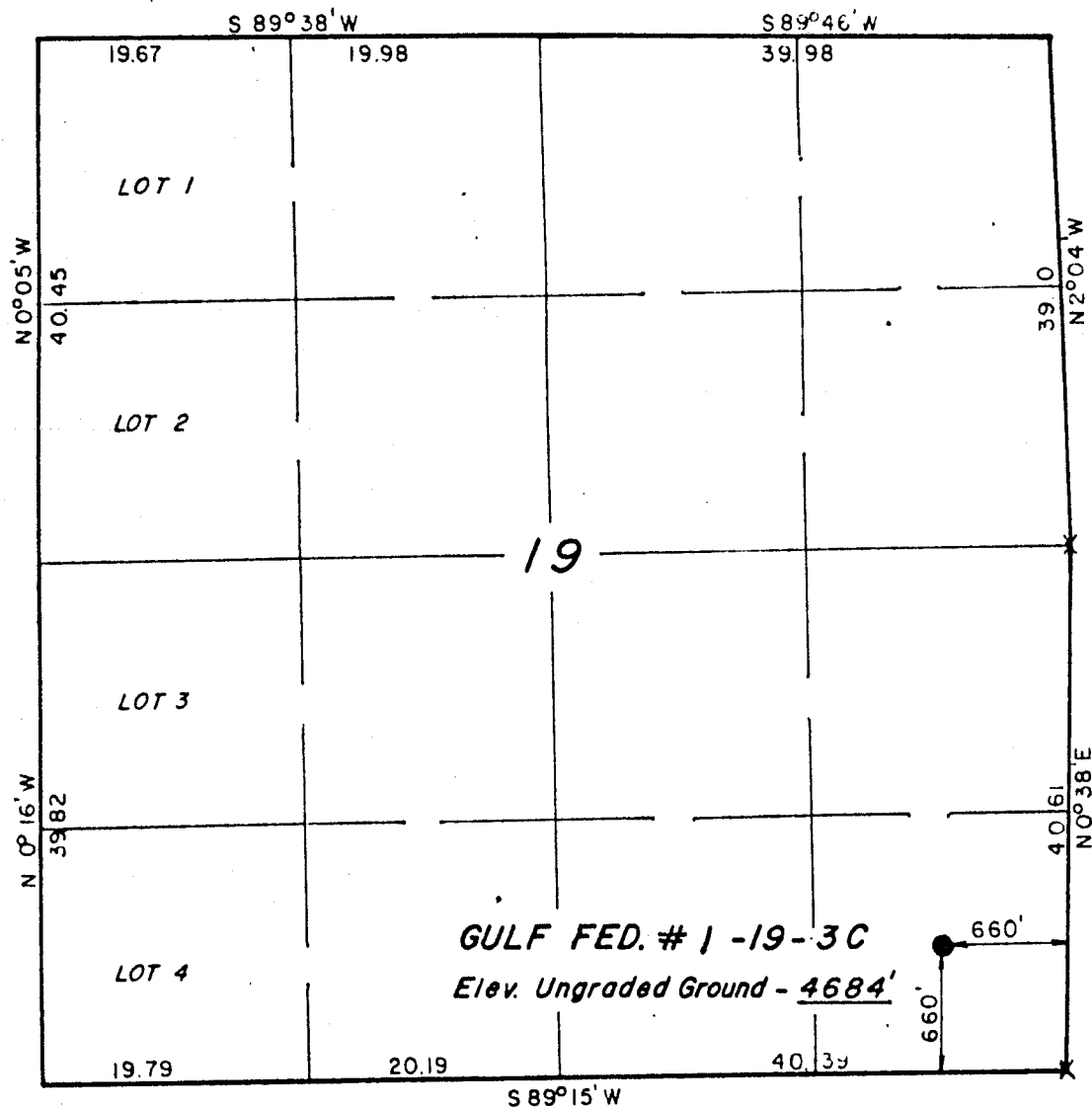
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\*See Instructions On Reverse Side

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GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80**

T8S, R21E, S.L.B.&amp;M.



X = Section Corners Located

PROJECT

GULF OIL CORP

Well location, GULF FED. # -

1-19-3C, located as shown in the  
SE1/4 SE1/4 Section 19, T8S,  
R 21E, S.L.B. & M.  
Uintah County, Utah



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence P. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	3/27/81
PARTY	RK BK RDR	REFERENCES	GLO PLAT
WEATHER	PARTLY CLOUDY/WIND	FILE	GULF OIL CORP.



GULF OIL CORP.

GULF FED. #1-19-3C

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 MILES

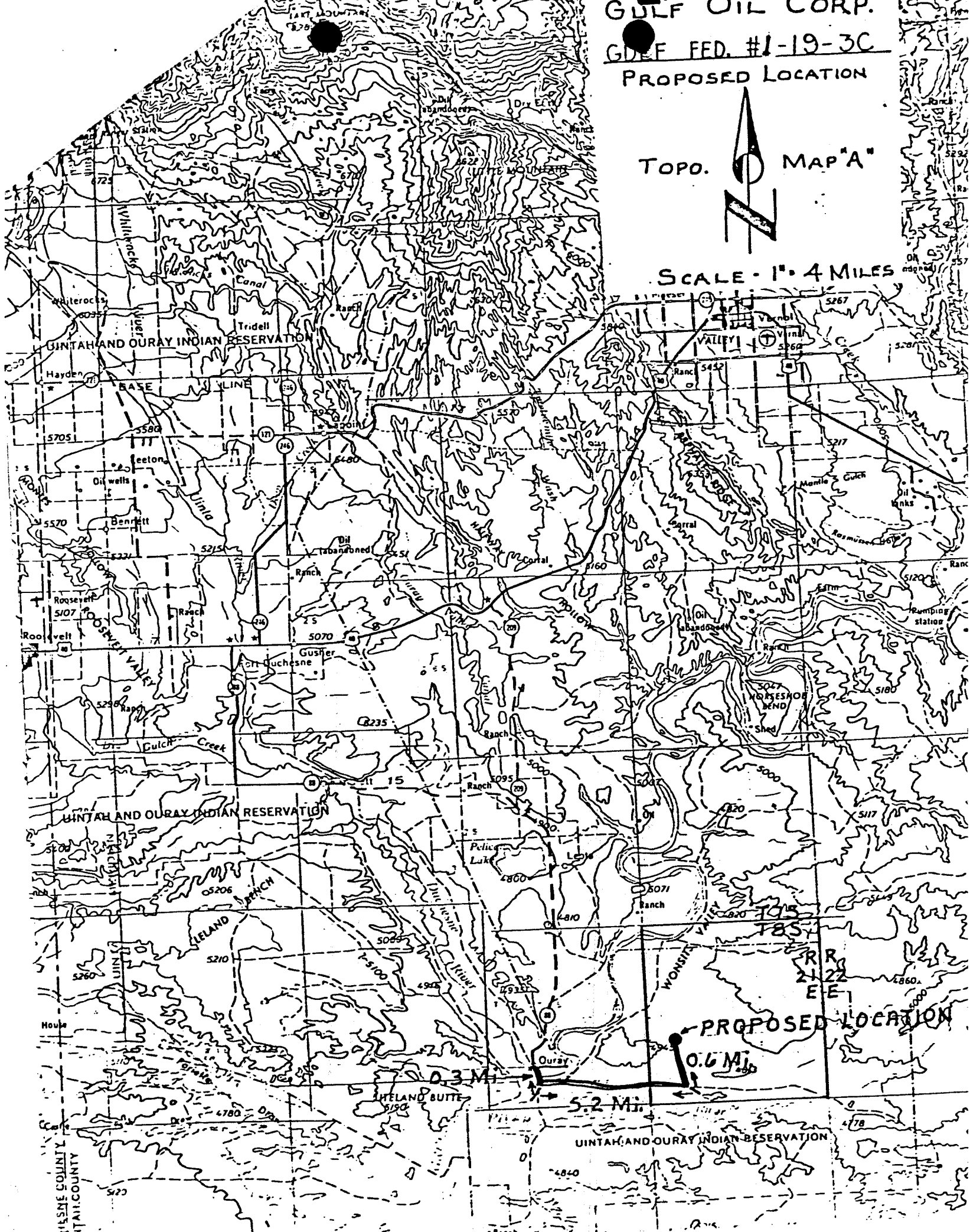




EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6  
APPROVAL OF OPERATIONS

Attached to Form 9-331C  
Company: Gulf Oil Corporation  
Well: Whiton #1-19-3C  
Well Location: 660' FSL, 660' FEL  
Sec. 19, T. 8 S., R. 21 E.  
County: Uintah State: Utah

1. Geologic Surface Formation

Uintah Formation

2. Estimated Important Geologic Markers  
Formation

Depth

Green River

2,270'

Lower Green River

4,425

G-1 Lime

5,250

T.D.

5,700

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals  
Formation Depth Remarks

G-1 Lime

5,250'

Oil

4. The Proposed Casing Program

<u>Size</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Condition</u>	<u>Depth Set</u>
9 5/8"	K-55 STC	36#	New	1,000'-
5 1/2"	K-55 STC	14#	"	5,700'

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period and blind rams and with annular preventer each time pipe is pulled out of the hole.

Accessories to BOP's include an upper and a lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Fresh water to 1,000', 8.6# mud, 30 vis.

KCl mud 1,000' to 5,700', 8.7-9.5# 32-33 vis. 20 water loss.

7. The Auxiliary Equipment to be Used

- (a) A kelly cock will be kept in the string.
- (b) A float will not be used.
- (c) A mud logging unit or gas detecting device will be monitoring the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging, and Coring Programs to be Followed

- (a) A test is expected in the Green River horizon, the primary objective. Other zones will be tested, as needed.
- (b) A Gamma Ray Log will be run from surface to T.D. Dual Induction, Sonic, FDC, Density and Caliper logs will be run from 1,500' to T.D.
- (c) No cores are planned.
- (d) A fluid stimulation plan using 5,000 gal. 15% HCl is planned for this well. (See Exhibit "H" for layout)

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area, nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. The Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for as soon as possible after examination and approval of all drilling requirements.

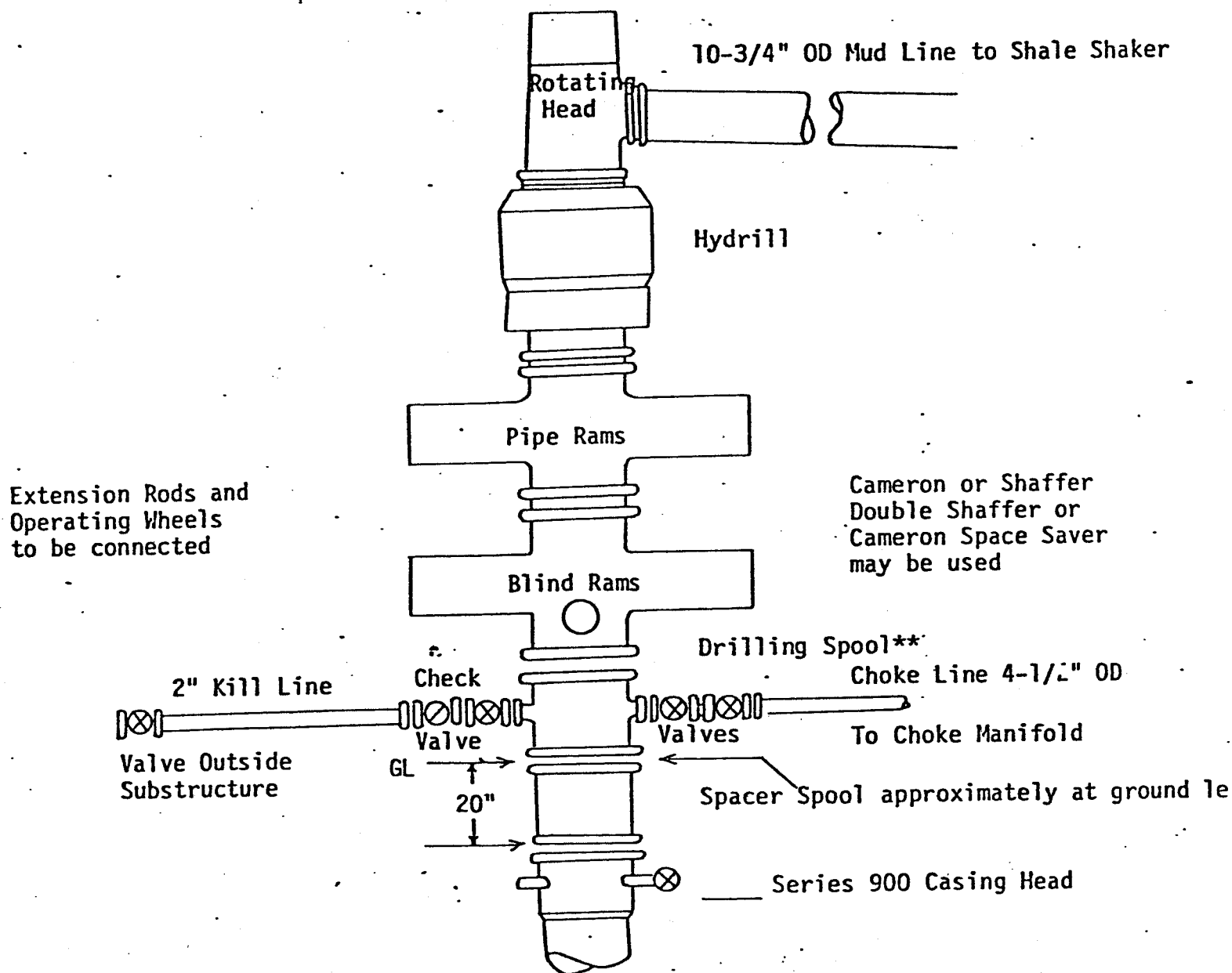
The operations should be completed within 120 days after spudding the well and drilling to the casing point.

# EXHIBIT C

## BLOWOUT PREVENTER DRAWING NO. 3B

3000 PSI WORKING PRESSURE BOP HOOK-UP  
API SERIES 900 FLANGES OR BETTER (MINIMUM ASSEMBLY)

Install on 9 5/8" casing. Pressure test to 3000 psi after installing on 9 5/8" casing prior to drilling cement plug.



The BOP's shall be hydraulic operated by hydraulic, air or electrical pumps. Accumulator reservoir shall be sufficient to close all preventers simultaneously in 20 seconds with the charging pumps closed down. Minimum accumulator pressure shall be 1500 psi initially and not less than 1200 psi when all preventers are closed. All BOP operating control lines shall be steel piping.

The drilling spool ID shall be adequate to permit the use of drop through casing which might be run. It also shall be provided

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C  
Company: Gulf Oil Corporation  
Well: Whiton #1-19-3C  
Well Location: 660' FSL, 660' FEL  
Sec. 19, T. 8 S., R. 21 E.  
County: Uintah State: Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as Exhibit "A".
- B. Location is about 6.1 miles east of Ouray, Utah as shown in Exhibit "E".
- C. An access road of about .6 mile will be needed to reach the location from existing road as shown in Exhibit "F".
- D. N.A.
- E. This is a Development well. All existing known roads within the one mile radius are shown on Exhibit "F".
- F. No upgrading will be necessary on the existing roads. The roads will be maintained as necessary for all weather use.

2. Planned Access Roads:

- 1. Width: 18' wide running surface, V ditched and crowned for a total width of approximately 32 feet.
- 2. Maximum grade: 2%
- 3. Turnouts: none
- 4. Drainage design: none
- 5. Culverts: none

6. Surfacing materials: We do not plan to surface this road at this time.
7. Gates, cattleguards, fence cuts: none

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit "F" within the one-mile radius.

1. Water wells: none
2. Abandoned wells: one
3. Temporarily abandoned wells: none
4. Disposal wells: none
5. Drilling wells: one
6. Producing wells: one
7. Shut-in wells: none
8. Injection wells: none
9. Monitoring or observation wells: none



#### 4. Location of Existing and Proposed Facilities

Gulf Oil Corporation has tank batteries, production facilities, oil gathering lines, and other flowlines associated with the wells shown on Exhibit "F".

It is contemplated that, in the event of production, all new facilities will be accommodated on the proposed drill pad on the solid base of cut and not located on the fill areas.

- A. No additional flagging will be necessary since all producing facilities will be on the drill pad.
- B. If production is obtained, the unused areas will be restored as later described. Production facilities will be contained within the proposed drill pad area until such time as flowlines are constructed to existing facilities.
- C. Concrete and gravel, as needed, will be purchased from private sources.
- D. All pits will be fenced to minimize any hazard to domestic animals and other animals that graze in the area. Wire mesh covering or overhead flagging will be installed on pits, in the event water or other fluids are produced.
- E. Rehabilitation, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with the requirements of Items 7 and 10, following.

#### 5. Water Supply

- A. Water to be used in the drilling of this well will be hauled by truck, over existing roads, from the Green River south of Ouray. This water will be hauled approximately 6 miles to the location site.
- B. There will be no water well drilled.

6. Source of Construction Materials

- A. Native soil from the drill site will be used to construct the location.
- B. No construction materials, other than borrow material from the drill site, will be obtained from Federal or indian lands.
- C. No construction material will be needed for road improvement.
- D. No new access road will be required for construction material.

7. Handling Waste Disposals

- A. One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.
- B. The pits will have wire and overhead flagging, as required, to protect water fowl, wildlife and domestic animals.
- C. At the onset of drilling, the reserve pits will be fenced on three sides and at the time the drilling activities are completed it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are commenced.
- D. When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.
- E. The burn pit will be fenced on all four sides and covered with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard and all flammable materials will be burned and then removed or buried upon completion of the well.
- F. All sewage will be removed and chemical toilets will be supplied for human waste.

8. Ancillary Facilities

No airstrip, camp or other facilities will be built during the drilling or completion of the well.

9. Well Site Layout

- A. Drilling pad layout (with cuts and fills) and cross sections are shown on Exhibit "G".
- B. Rig orientation, access road, reserve pits, pipe racks, living facilities and soil stockpile are shown on Exhibit "G".
- C. The reserve pits will not be lined.

10. Plans for Restoration of Surface

- A. The topsoil will be stripped and stockpiled (see Exhibit "G"). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil will be spread over the disturbed area.
- B. Any drainages re-routed during construction activities will be restored to their original line of flow as nearly as possible. Fences around pits will be removed upon completion of drilling activities and all waste contained in the burn or trash pits will be removed or buried.
- C. The reserve pit will be completely fenced and wired with overhead wire and flagging will be installed if there is oil or fluid in the pits and then allowed to completely dry. When re-shaping of the area occurs, following drilling and/or production cessation, dried waste material from the reserve pits will be buried or removed from the location.
- D. Restoration activities will begin within 90 days after completion of the well and when restoration activities have been completed, the location site will be re-seeded with a seed mixture recommended by the Ute Tribal Manager, Federal and State representatives, at such time as the moisture content of the soil is adequate for germination. Gulf Oil Corporation, as operator, and any subsequent operator covenants and agrees that all of said cleanup and restoration activities will be done and performed in a diligent and workmanlike manner, in strict conformation with the above mentioned Items #7 and #10.

11. Other Information

- A. The area is located in the Uintah Basin which is formed by the Uintah Mountains to the north and the Book Cliff Mountains to the south with the Green River and the White River flowing through the basin floor. The area is interlaced with numerous canyons, ridges and plateaus of which the sides are extremely steep with numerous ledges formed in sandstone and conglomerates. The immediate area of the location site is relatively flat with drainage toward the northwest. All of the drainage in the area is non-perennial.
- B. The soils in this area are of the Uintah and Duchesne River formations and consist of light brownish to light redish clays with some sand and poorly graded gravels.
- C. Vegetation in the area is common to the semi-arid conditions and consists of sagebrush, bitterbrush, rabbitbrush, some grasses and cacti.
- D. The fauna of the area consists of mule deer, coyotes, rabbits, varieties of ground squirrels and other types of rodents. Birds in the area are raptors, finches, ground sparrows, magpies, crows and jays. The area is used domestically for grazing sheep and cattle.
- E. There are no occupied dwellings or other facilities of this nature in the general area.
- F. There are no visible archeological, historical or cultural sites within any reasonable proximity of the proposed location.
- G. All surface disturbance is on Bureau of Indian Affairs Lands and is under their jurisdiction.
- H. The White River is about 3 miles south of this location.

12. Lessee's or Operator's Representative

Edward R. Haymaker                      or  
Agent Consultant for  
Gulf Oil Corporation  
1720 So. Poplar, Suite 5  
Casper, Wyoming 82601  
Phone: (307) 234-6186


Richard C. Smith  
P. O. Box 2619  
Casper, Wyoming 82602  
Phone: (307) 235-1311

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Gulf Oil Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

April 22, 1981

Date:

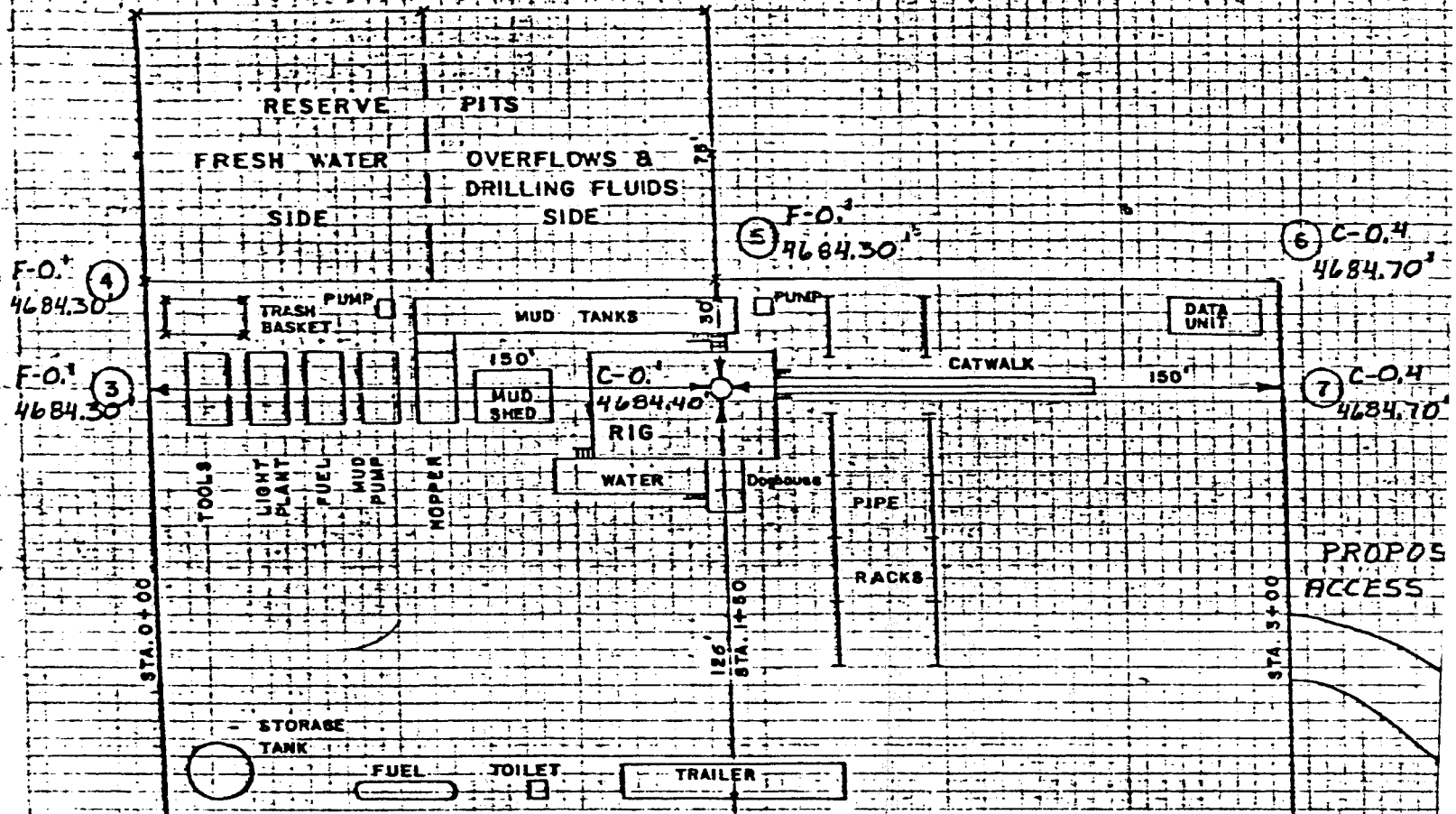
  
Name: E. R. Haymaker  
Agent for  
Gulf Oil Corporation  
Title:

# EXHIBIT G

SCALE -

WIND  
EAST

1" = 50'



TOPSOIL  
STOCKPILE

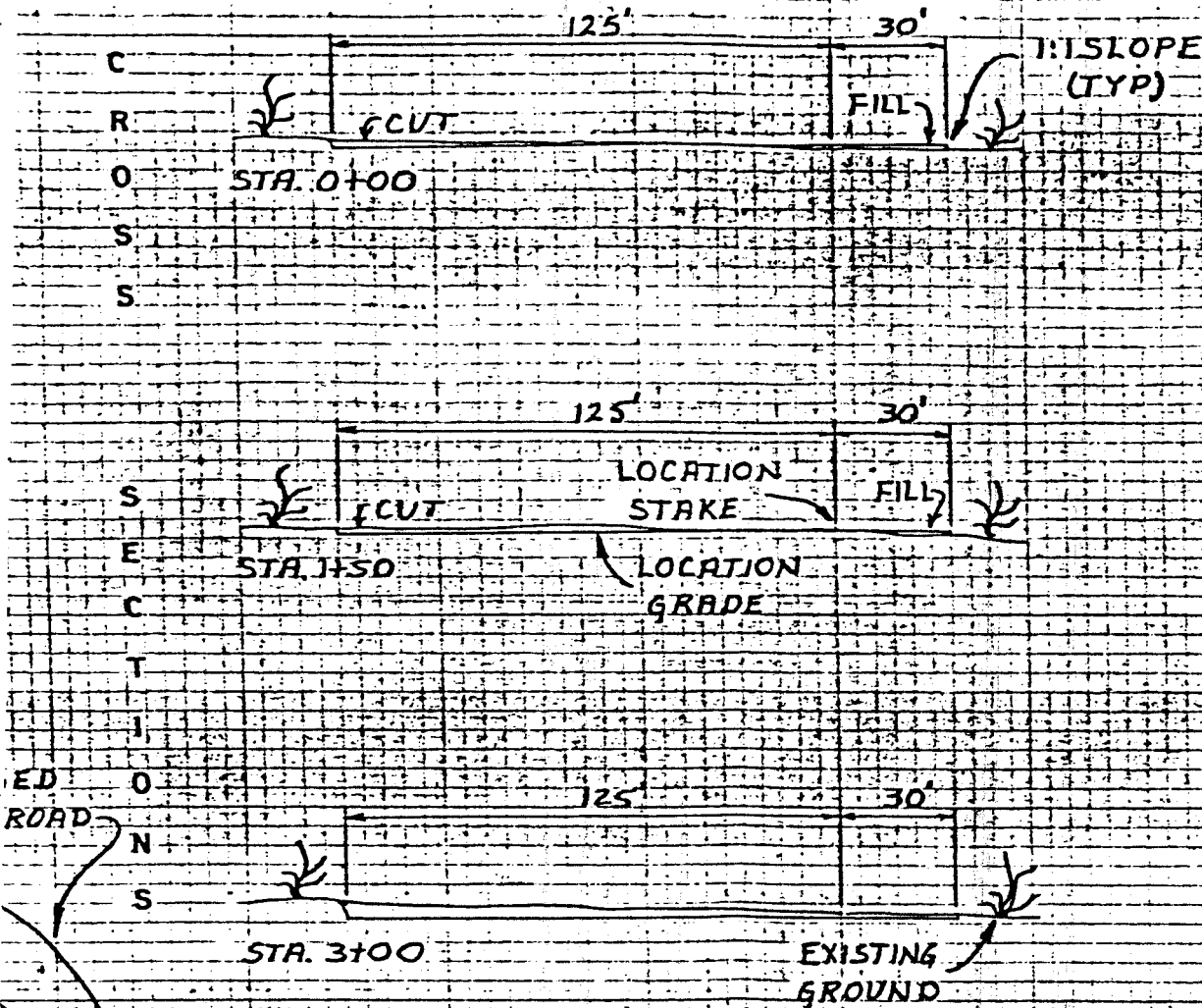
SOILS LITHOLOGY

No Scale

Light-Brown  
Sandy Clay

# GULF OIL CORPORATION

GULF FED. # 1-19-36



Scales

1" = 50'

APPROXIMATE YARDAGES

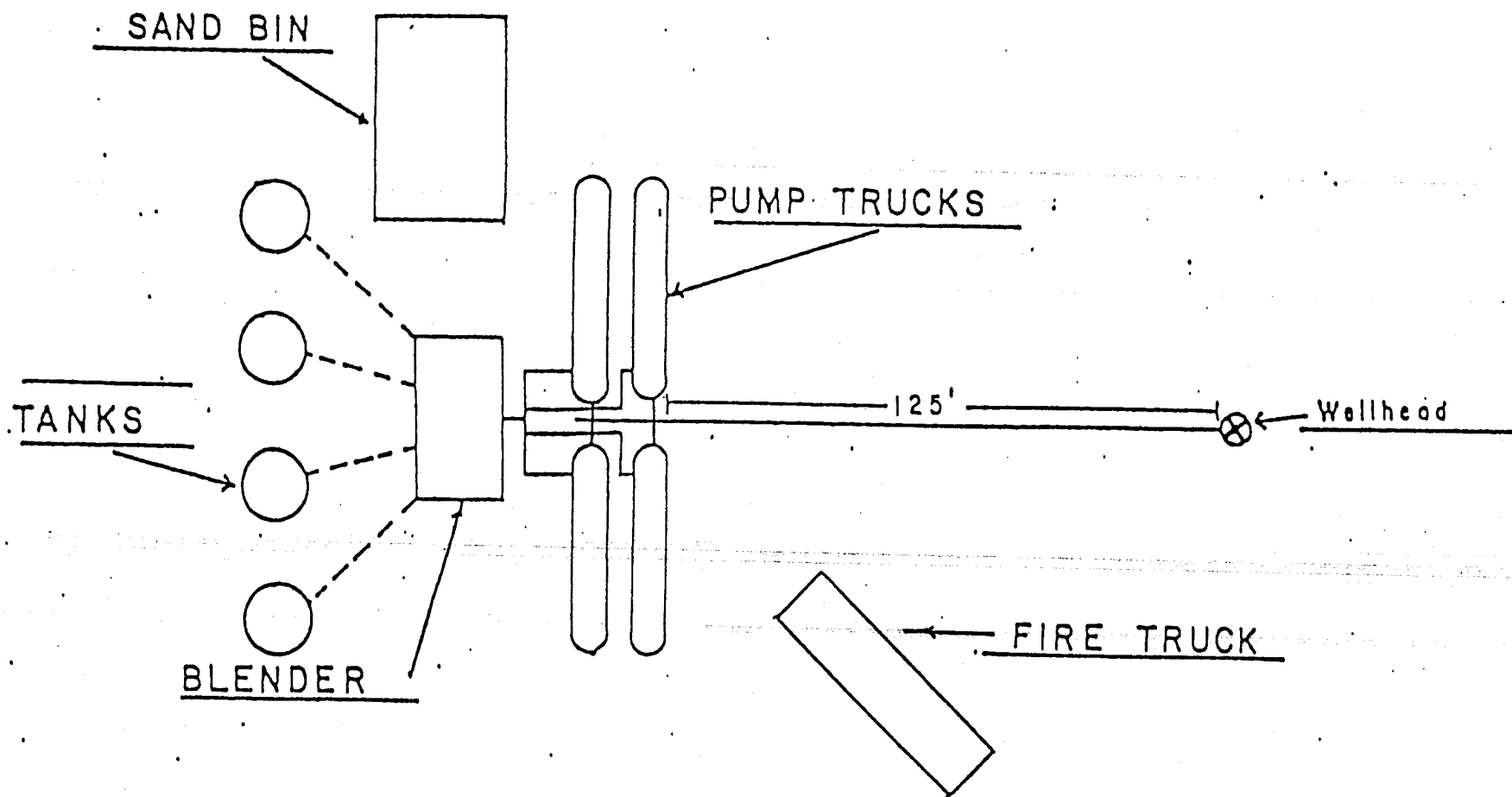
Cubic Yards of Cut - 398

Cubic Yards of Fill - 7

# FLUID STIMULATION

## \*Note

When hydrocarbons are used as a  
fracing agent, storage tanks will  
be a minimum of 75' from all other  
equipment.





DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Gulf Oil Corp.

WELL NAME: Whiton Federal #1-19-3C

SECTION SESE 19 TOWNSHIP 8S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Layton Exploration

RIG # 2

SPUDDED: DATE 10-10-81

TIME 5:00 PM

How Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Tonya

TELEPHONE # (307) 237-0166

DATE 10-13-81 SIGNED DB

NOTICE OF SPUD

Caller: Lanya Peterson, Sulj Oil  
Phone: #237-0166  
Well Number: Whiton Fed. #1-19-3C  
Location: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 19 T. 8S. R. 21E  
County: Uintah State: UT  
Lease Number: U-0140740  
Lease Expiration Date: \_\_\_\_\_  
Unit Name (If Applicable): Gypsum Hills  
Date & Time Spudded: 10-10-81 5:00 PM  
Dry Hole Spudder/Rotary: \_\_\_\_\_  
Details of Spud (Hole, Casing, Cement, etc.) 12 $\frac{1}{4}$ " hole  
to 1,000'; 9 $\frac{5}{8}$ " casing; 36 lbs. K55 Cmt.;  
3045 SX Cmt.  
Rotary Rig Name & Number: Layton Cyl. #2  
Approximate Date Rotary Moves In: 10-8-81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy  
Date: 10-13-81 8:45 A.M.

cc: Ut St. & S.  
USGS, Vernal  
DSD  
TAM  
APD Control  
Well file

# Gulf Oil Exploration and Production Company

J. L. Goolsby  
PRODUCTION MANAGER, CASPER AREA

October 13, 1981

P. O. Box 2619  
Casper, WY 82602-2619

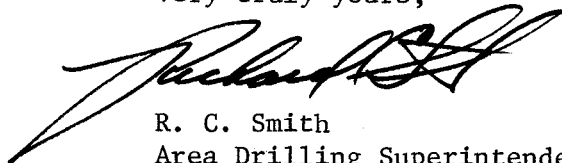
Utah Dept. of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Re: Whiton Federal 1-19-3C  
Section 19-8S-21E  
Uintah County, Utah

Gentlemen:

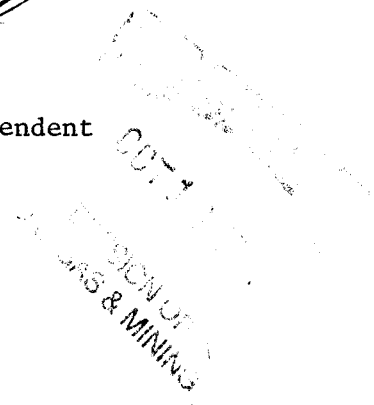
This letter serves to confirm the spudding of the above captioned well at 5:00 PM on 10-10-81. The drilling contractor is Layton Exploration and they are using rig #2 to drill the Whiton Federal 1-19-3C.

Very truly yours,



R. C. Smith  
Area Drilling Superintendent

TSP/pc



A DIVISION OF GULF OIL CORPORATION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-0140740  
Communitization Agreement No. NA  
Field Name Gypsum Hills  
Unit Name NA  
Participating Area NA  
County Uintah State Utah  
Operator Gulf Oil Corporation  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-19-3C	SE SE 19	8S	21E	POW	13	878	0	0	1st prod. 11/7, 1st sales 11/16. CI, A, BHP
API 43-047-31065				Perf 5-1/2" csg @ 5253-5266. Set pkr @ 5056. Acidized perfs dn 2-7/8" thg w/1000 gal 15% HCL acid. Acid 11/11/81 w/6000 gal 15% acid. 11/30/81 BHP test.					
DISTRIBUTION:									
2-USGS, Casper									
2-Utah Oil & Gas									
1-Belco Petroleum									
1-Houston									
1-OC									
1-Tax Dept									
1-GP									
2-File									
CUMULATIVE PRODUCTION:									
878 BO 0 MCF 0 BW									
Whiton Federal 1-19-3C									

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	878	0	0
*Sold	653	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	225	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	31.7		XXXXXXXXXXXXXXXXXX

Authorized Signature: Kona Maguire Address: P. O. Box 2619; Casper, WY 82602-2619  
Title: Senior Clerk Page 1 of 1

CORE LABORATORIES, INC.  
*Petroleum Reservoir Engineering*  
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

GULF OIL EXPL. & PROD. CO.

WHITON 1-19-3C  
GYPSUM HILLS FIELD  
UINTAH COUNTY, UTAH

RECEIVED

NOV 27 1981

DIVISION OF  
OIL, GAS & MINING

**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
 DALLAS, TEXAS

PAGE 1

GULF OIL EXPL. & PROD. CO.  
 WHITON 1-19-3C  
 GYPSUM HILLS FIELD  
 UTAH COUNTY, UTAH

DATE : 26-OCT-81  
 FORMATION : GREEN RIVER  
 DRLG. FLUID: WATER BASE MUD  
 LOCATION : SE SE SEC 19-T8S-R21E

FILE NO : 3804-6190  
 ANALYSTS : D.F.  
 ELEVATION: 4684 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K <sub>a</sub> MAXIMUM	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	5227.0-50.0						NO ANALYSIS--SHALE
1	5250.0-51.0	0.05	4.7	48.1	30.6	2.72	LS, GY SHY FOSS
2	5251.0-52.0	0.04	8.3	28.1	12.0	2.64	LS, GY FOSS
3	5252.0-53.0	0.45	12.3	38.1	10.5	2.68	LS, GY FOSS
4	5253.0-54.0	0.08	9.1	53.3	5.5	2.63	LS, GY FOSS SL/SHY
5	5254.0-55.0	0.66	15.3	46.7	7.0	2.68	LS, GY FOSS
6	5255.0-56.0	0.74	15.2	43.6	17.4	2.71	LS, GY FOSS
7	5256.0-57.0	0.36	13.3	48.9	7.2	2.64	LS, GY FOSS
8	5257.0-58.0	0.24	13.7	50.8	11.7	2.68	LS, GY FOSS
9	5258.0-59.0	3.65	20.8	47.5	16.2	2.73	LS, GY FOSS
10	5259.0-60.0	3.31	21.0	37.9	12.9	2.73	LS, GY FOSS
11	5260.0-61.0	10.	19.7	39.8	10.0	2.76	LS, GY FOSS VUG
12	5261.0-62.0	2.89	9.9	42.0	18.5	2.67	LS, GY FOSS
13	5262.0-63.0	<0.01	3.7	60.9	11.6	2.62	SS, GY FG FOSS SHY CALC
	5263.0-69.2						NO ANALYSIS--SHALE

CORE LABORATORIES, INC.  
Petroleum Reservoir Engineering  
DALLAS, TEXAS

GULF OIL EXPL. & PROD. CO.  
WHITON 1-19-3C

DATE : 26-OCT-81  
FORMATION : GREEN RIVER

FILE NO. : 3804-6190  
ANALYSTS : D.F.

\*\*\* CORE SUMMARY AND CALCULATED RECOVERABLE OIL \*\*\*

DEPTH INTERVAL: 5250.0 TO 5263.0

FEET OF CORE ANALYZED : 13.0      FEET OF CORE INCLUDED IN AVERAGES: 9.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.10 TO 15.	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	
SHALE SAMPLES EXCLUDED FROM AVERAGES.			

AVERAGE PERMEABILITY (MILLIDARCIES)

ARITHMETIC PERMEABILITY	:	2.5
GEOMETRIC PERMEABILITY	:	1.2
HARMONIC PERMEABILITY	:	0.69

AVERAGE TOTAL WATER SATURATION

(PERCENT OF PORE SPACE) : 12.4

AVERAGE CONNATE WATER SATURATION

(PERCENT OF PORE SPACE) : (C) 11.6

PRODUCTIVE CAPACITY (MILLIDARCY-FEET)

ARITHMETIC CAPACITY	:	23.
GEOMETRIC CAPACITY	:	11.
HARMONIC CAPACITY	:	6.2

OIL GRAVITY (API)

: (E) 28.0

ORIGINAL FORMATION VOLUME FACTOR

(BBLs SATURATED OIL/STOCK-TANK BBL) : (E) 1.20

AVERAGE POROSITY (PERCENT)

: 15.7

ORIGINAL STOCK-TANK OIL IN PLACE

(BARRELS PER ACRE-FOOT) : (C) 897.

AVERAGE RESIDUAL OIL SATURATION

(PERCENT OF PORE SPACE) : 43.7

=====

INTERPRETATION OF DATA

5250.-5263. OIL PRODUCTIVE AFTER ARTIFICIAL STIMULATION

=====

(C) CALCULATED      (E) ESTIMATED      (M) MEASURED      (\*) REFER TO ATTACHED LETTER.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

**CORE LABORATORIES, INC.****CORE LAB***Petroleum Reservoir Engineering*COMPANY GULF OIL EXPL. & PROD. CO.FILE NO. 3884-6198WELL WHITON 1-19-3CDATE 26-OCT-81FIELD GYPSUM HILLSFORMATION GREEN RIVERELEV. 4684 GLCOUNTY UINTAHSTATE UTAHDRLG. FLD. WATER BASE MUD

CORES \_\_\_\_\_

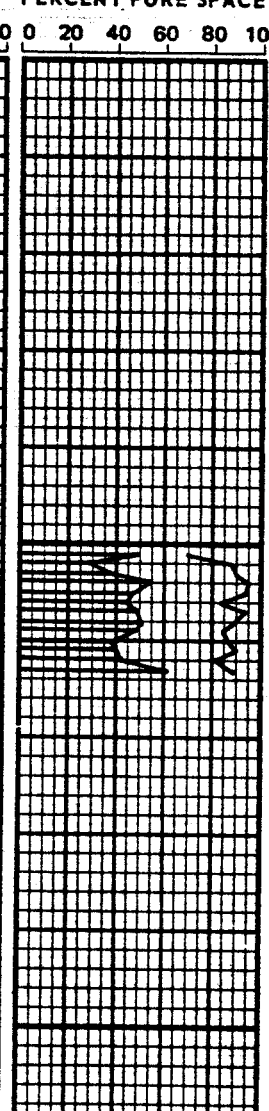
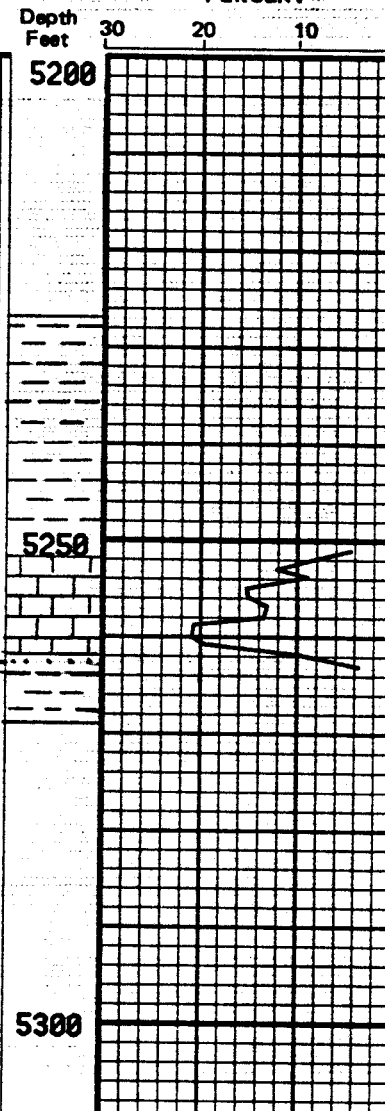
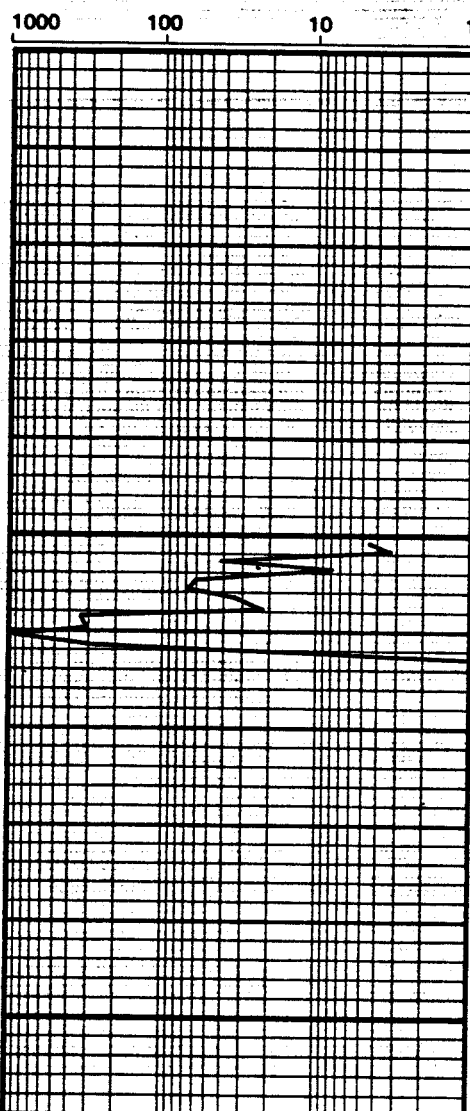
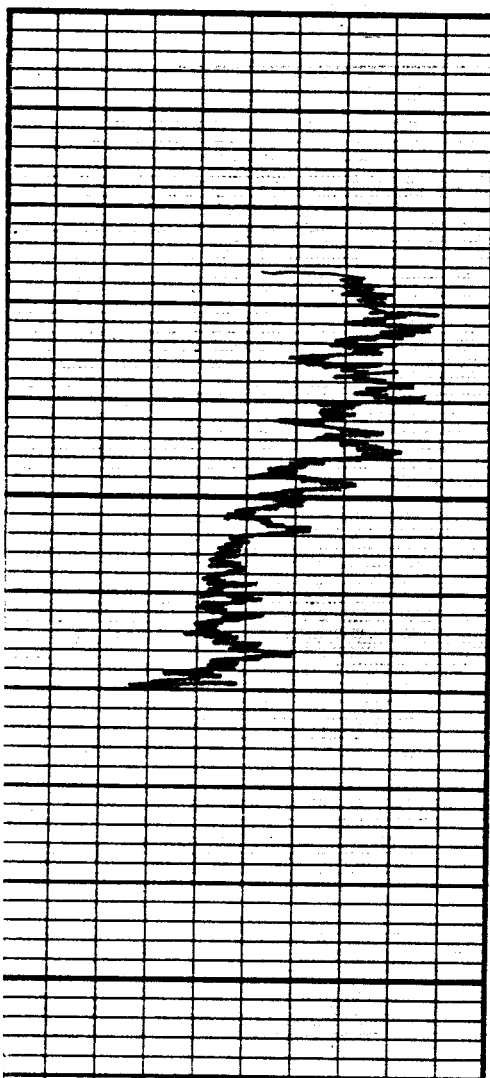
LOCATION SE SE SEC 19-T8S-R21E**CORRELATION COREGRAPH**

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

**Total Water** \_\_\_\_\_PERCENT PORE SPACE  
100 80 60 40 20 0**Oil Saturation** \_\_\_\_\_PERCENT PORE SPACE  
0 20 40 60 80 100**Gamma Ray**

RADIATION INCREASE →

**Permeability** \_\_\_\_\_MILLIDARCIES  
1000 100 10 1**Porosity** \_\_\_\_\_PERCENT  
30 20 10 0Depth  
Feet  
5200  
5250  
5300



PERMEABILITY VS POROSITY

COMPANY: GULF OIL EXPL. & PROD. CO.  
 FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
 COUNTY, STATE: UINTAH COUNTY, UTAH

AIR PERMEABILITY : MD - HORIZONTAL ( UNCORRECTED FOR SLIPPAGE )  
 POROSITY : PERCENT ( HELIUM )

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5250.0 - 5263.0	1 (+)	0.001	15.0	3.5	22.0	12.8	1.8	0.04	0.39

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :  
 $\text{LOG}(K) = (\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT}$   
 $K = \text{ANTILOG}((\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT})$

RANGE	EQUATION OF THE LINE
1	$\text{PERM} = \text{ANTILOG}((0.1698)(\text{POROSITY}) + -2.5952)$

PERMEABILITY: MILLIDARCIES

0.01

0.1

10

0.0

4.0

8.0

12.0

16.0

20.0

24.0

POROSITY: PERCENT

PERMEABILITY VS. POROSITY

GULF OIL EXPL. & PROD. CO.

WHITON 1-19-3C

GYPSUM HILLS FIELD

UINTAH COUNTY, UTAH

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: GULF OIL EXPL. & PROD. CO.  
FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
COUNTY, STATE: UINTAH COUNTY, UTAH

AIR PERMEABILITY : MD. ( HORIZONTAL ) RANGE USED 0.001 TO 15.  
POROSITY : PERCENT ( HELIUM ) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 5250.0 - 5263.0 INTERVAL LENGTH : 13.0  
FEET ANALYZED IN ZONE : 13.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
12.8	1.8	0.04	0.39

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: GULF OIL EXPL. & PROD. CO.  
FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
COUNTY, STATE: UINTAH COUNTY, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	(ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
2.0 - 4.0	1.0	3.7	0.005	0.005	7.7	7.7
4.0 - 6.0	1.0	4.7	0.050	0.050	7.7	15.4
8.0 - 10.0	3.0	9.1	0.205	1.0	23.1	38.5
12.0 - 14.0	3.0	13.1	0.337	0.348	23.1	61.5
14.0 - 16.0	2.0	15.3	0.702	0.703	15.4	76.9
18.0 - 20.0	1.0	19.7	11.	11.	7.7	84.6
20.0 - 22.0	2.0	20.9	3.5	3.5	15.4	100.0

TOTAL NUMBER OF FEET = 13.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: GULF OIL EXPL. & PROD. CO.  
FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
COUNTY, STATE: UINTAH COUNTY, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	1.0	0.005	0.005	3.7	7.7	7.7
0.020 - 0.039	1.0	0.036	0.036	8.3	7.7	15.4
0.039 - 0.078	1.0	0.050	0.050	4.7	7.7	23.1
0.078 - 0.156	1.0	0.083	0.083	9.1	7.7	30.8
0.156 - 0.312	1.0	0.238	0.238	13.7	7.7	38.5
0.312 - 0.625	2.0	0.401	0.404	12.8	15.4	53.8
0.625 - 1.250	2.0	0.702	0.703	15.3	15.4	69.2
2.500 - 5.000	3.0	3.3	3.3	17.2	23.1	92.3
10.- 20.	1.0	11.	11.	19.7	7.7	100.0

TOTAL NUMBER OF FEET = 13.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: GULF OIL EXPL. & PROD. CO.  
FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
COUNTY, STATE: UINTAH COUNTY, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
-----	-----	-----	-----	-----	-----	-----
0.0	0.0	0.0	13.0	100.0	12.8	13.0
2.0	0.0	0.0	13.0	100.0	12.8	13.0
4.0	1.0	2.2	12.0	97.8	13.6	13.3
6.0	2.0	5.0	11.0	95.0	14.4	13.7
8.0	2.0	5.0	11.0	95.0	14.4	13.7
10.0	5.0	21.4	8.0	78.6	16.4	15.0
12.0	5.0	21.4	8.0	78.6	16.4	15.0
14.0	8.0	44.9	5.0	55.1	18.4	19.0
16.0	10.0	63.2	3.0	36.8	20.5	20.5
18.0	10.0	63.2	3.0	36.8	20.5	20.5
20.0	11.0	75.0	2.0	25.0	20.9	
22.0	13.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 167.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

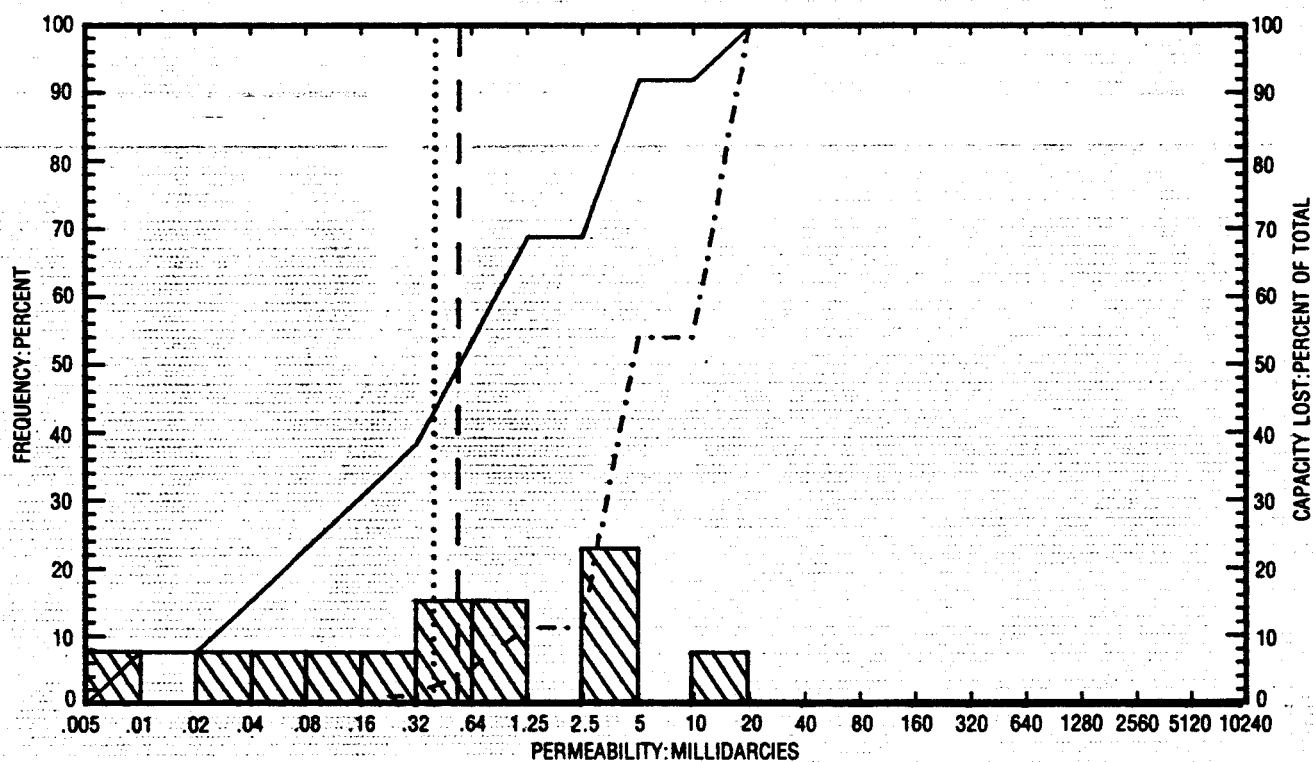
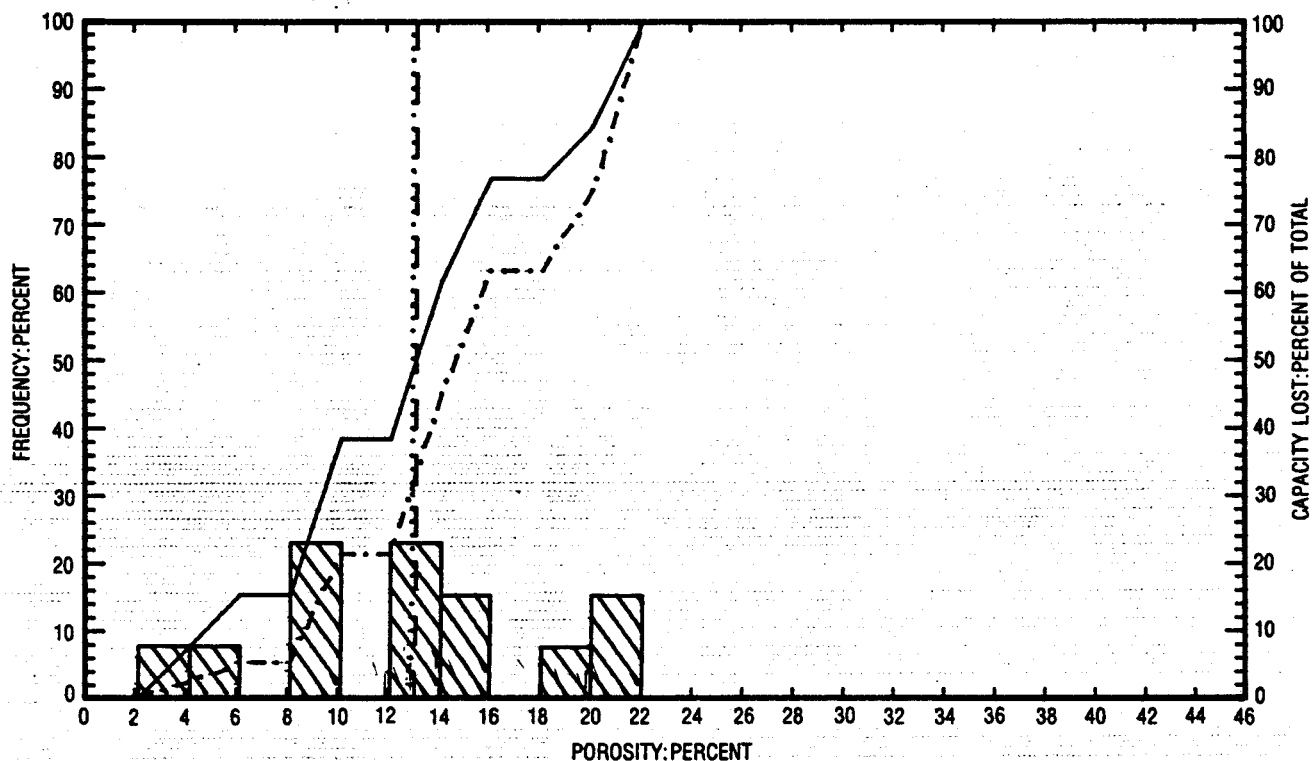
COMPANY: GULF OIL EXPL. & PROD. CO.  
 FIELD : GYPSUM HILLS FIELD

WELL : WHITON 1-19-3C  
 COUNTY, STATE: UINTAH COUNTY, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
-----	-----	-----	-----	-----	-----	-----
0.005	0.0	0.0	13.0	100.0	0.39	0.53
0.010	1.0	0.0	12.0	100.0	0.61	0.62
0.020	1.0	0.0	12.0	100.0	0.56	0.62
0.039	2.0	0.2	11.0	99.8	0.72	0.74
0.078	3.0	0.4	10.0	99.6	0.95	0.88
0.156	4.0	0.8	9.0	99.2	1.24	1.05
0.312	5.0	1.8	8.0	98.2	1.52	1.25
0.625	7.0	5.3	6.0	94.7	2.38	3.15
1.250	9.0	11.4	4.0	88.6	4.38	
2.500	9.0	11.4	4.0	88.6	4.38	
5.	12.0	54.2	1.0	45.8	10.53	
10.	12.0	54.2	1.0	45.8	10.53	
20.	13.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET(ARITHMETIC) = 23.01



### PERMEABILITY AND POROSITY HISTOGRAMS

GULF OIL EXPL. & PROD. CO.  
 WHITON 1-19-3C  
 GYPSUM HILLS FIELD  
 UINTAH COUNTY, UTAH

#### LEGEND

ARITHMETIC MEAN POROSITY .....  
 GEOMETRIC MEAN PERMEABILITY .....  
 MEDIAN VALUE .....  
 CUMULATIVE FREQUENCY .....  
 CUMULATIVE CAPACITY LOST .....  
 CUMULATIVE CAPACITY LOST



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-0140740  
Communitization Agreement No. NA  
Field Name Gypsum Hills  
Unit Name NA  
Participating Area NA  
County Uintah State Utah  
Operator Gulf Oil Corporation  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-19-3C	SE SE 19	8S	21E	POW	31	1,430	0	135	
API 43-047-31065									
1/7/82 IP test date. Pmpd 69 BO, 1 BW, Gas TSTM from G-1 line perfs 5253-5266. Grvty of oil 31° API corr. 40 acre spacing. 5377 TD. 5334 PBD.									
DISTRIBUTION:									
2-USGS, Casper									
2-Utah Oil & Gas									
1-Belco Petroleum									
1-Houston									
1-OC									
1-Tax Dept									
1-GP									
2-File									
CUMULATIVE PRODUCTION:									
2,362 BO 0 MCF 135 BW									
Whiton Federal 1-19-3C									

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	282	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	1430	0	135
*Sold	1440	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	135
*Other (Identify)	0	0	0
*On hand, End of Month	272	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	34.1	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX

Authorized Signature: Hona Maguire Address: P. O. Box 2619; Casper, WY 82602-2619  
Title: Senior Clerk Page 1 of 1

BELCO DEVELOPMENT CORPORATION  
DAILY DRILLING REPORT  
FRIDAY, DECEMBER 11, 1981

VERNAL DISTRICT

DEVELOPMENT WELLS

BMCU 13-31 (NFWC-G) 2473' (216') 12. Drilling, Mesaverde.  
Wildcat Drld 216' in 16 hrs.  
Garfield County, Co. Bit #6, 11", M4N-J, Jets 3-18.  
TD 6537' Morrison PP-650#, Wt. 30, RPM-80  
Chandler Rig #7 Mud Prop: MW-9.6, VIS-45, WL-10.5, CHL-9,000  
Belco WI 9.375% TIH, Break Circ @1000', work thru bridges  
from 1279' to 1464'. Pick up Kelly @1464'  
Drill out, bridge, work tight hole to 2227'  
Wash & Ream from 2227' to bottom 30' fill.  
AFE (csg pt) \$589,000  
CUM COST \$407,351

OUTSIDE OPERATED

LISBON UNIT C-99 12-10-81  
San Juan County, Utah 8890' (123') 58. Drilling, sh, 1m.  
Union Oil Company Drld 123' in 22½ hrs, Dev: 8843'-6°S-45W.  
TD 8767' Mississippian Mud Prop: MW-10.6, VIS-38, WL-6  
Loffland Bros Rig #5  
Belco WI 15.04722%

WHITON-FED 1-19-3C 12-9-81  
Uintah County, Utah Tefteller, Inc TIH w/bombs & took bottom hole  
Gulf Oil Corporation samples on 12-8-81. 15 day bottom hole press  
TD 5700' Green River and temp was 1180 PSI & 150°. Will open to  
Belco WI 25% 400Bbl tank.  
WO Pumping Equipment  
CUM COST \$398,886

COMPLETIONS

ATCHEE 6-24FED (DW-GAS) Report # 9  
Garfield County, Co. Swabbed 10 hrs, Rec 2½, FL-5500  
PBTB 6288' Dakota Last run 6024 SN, TP-0, CP-Pkr, 100MCF.  
N.L. Well Service Last 2 hrs, Rec ½Bbl D/C, FL-6024, SDFN.  
Belco WI 9.375% This A.M. FL-5500, Rec 1½Bbls D/C, gas blow TSTM.  
BLOR 37 BLOTR 11  
AFE (comp) \$662,000  
CUM COST \$696,756

WORKOVERS

NDC 42-25GR (DW-OIL) Report # 9 Hang Well On  
North Duck Creek Swab 1 hr, Rec 9Bbls wtr & crude, 80% wtr.  
Uintah County, Utah Release Baker Pkr, TOH, TIH w/prod string.  
PBTB 5676' Green River Landed @4892' with 20,000 tension. Displaced  
Utah Well Service 10Bbls of D/C down tbg, TIH w/rods & pump.  
Belco WI 100% This A.M. Will hang well on. RDMO  
BLOR 229, BLOTR 23  
Pump Installed: SN#F-42 THD 2½"x1½"x12'x14½'  
Pump Taken Out: SN#F-22 2½"x1½"x12'x14½'

TUBING DETAIL:

1 Tail Jt 2 7/8" 8rd Eue	31.78
SN	1.00
1 Jt Tbg Anchor	31.75
Anchor	3.00
152 Jts Tbg	4816.80
Total	4884.37
KB	8.00
Landed @	4892.37

AFE (comp) \$60,000  
CUM COST \$52,053

ROD DETAIL:

THD PUMP
10x1" Rods
91x3/4" Rods
71x7/8" Rods
25x1" Rods
1x1½"x12' Liner
1x1½"x22" Polish Rod

RECEIVED  
DEC 18 1981

DIVISION OF  
GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 12, 1982

Gulf Oil Co.  
P. O. Box 2619  
Casper, Wyoming 82602

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

*Cari Furse*  
Cari Furse  
Clerk Typist

Well No. Moon #1-30C4  
Sec. 30, T. 3S, R. 4W  
Duchesne County, Utah  
( October 1981- November 1981)

Well No. Whiton Federal #1-19-3C  
Sec. 19, T. 8S, R. 21E  
Uintah County, Utah  
( November 1981)

Well No. Wonsits Valley Unit #136  
Sec. 21, T. 8S, R. 21E  
Uintah County, Utah  
( October 1981- November 1981)

Well No. Wonsits Valley Unit #84-2  
Sec. 23, T. 8S, R. 21E  
Uintah County, Utah  
( November 1981)



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 22, 1982

Gulf Oil Company  
P. O. Box 2619  
Casper, WY 82602

Re: Well No. Moon #1-30C4  
Sec. 30, T. 3S, R. 4W  
Duchesne County, Utah

Well No. Whiton Federal #1-19-3C  
Sec. 19, T. 8S, R. 21E  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

BELCO DEVELOPMENT CORPORATION  
DAILY DRILLING REPORT  
FRIDAY, DECEMBER 18, 1981

VERNAL DISTRICT

DEVELOPMENT WELLS

BMCU 13-31 (NFWC-G) 3780' (320') 19. Drilling, Mancos.  
Wildcat Drld 320' in 21½ hrs, Dev: 1½° @ 3657'  
Garfield County, Co. Bit #8, 7 7/8", FP-51, Jets 3-18, 634' in 46¼ hrs.  
TD 6537' Morrison PP 850#, Wt. 25, RPM-65  
Chandler Rig #7 Mud Prop: MW-9.2, VIS-40, WL-7.4, CHL-10,000  
Belco WI 9.375% AFE (csg pt) \$589,000  
CUM COST \$533,151

NDC 60-29 (DW-GAS) Location: 1339' FEL, 1322' FSL (SE¼)  
North Duck Creek Section: 29, T8S, R21E  
Uintah County, Utah Elevations: 4758 NGL, 4770' KB  
TD 7661' Wasatch  
Belco WI 0% Building Location.  
Cum Cost \$1,000

OUTSIDE OPERATED

LISBON UNIT B-94 (DW-OIL) Location: 178' FSL, 2961' FEL,  
San Juan County, Utah Section: 4, T, 30S, R, 24E, San Juan Co, Utah  
TD 9200' Mississippian Elevation: 6370' GL (Ungraded)  
Loffland Bros Rig #5  
Belco WI 15.04722% 265' (265') 1. Drilling, sd, sh,  
Union Oil Company Drld 265' in 11¼ hrs, Dev: ½° @ 124', 3/4° @ 216'.  
MIRU Loffland rotary rig #5. Spudded 12¼"  
hole @ 5:00PM 12-16-81.

Gulf Oil

WHITON-FED 1-19-3C 12-17-81  
Uintah County, Utah Ran 3 hr. BHPT, Will have results 12-18-81.  
(Gulf Oil Corporation  
TD 5700' Green River  
Belco WI 25%

Sec 19 85 21E

COMPLETIONS

ATCHEE 6-24FED (DW-GAS) Report # 14.  
Atchee Unit SI 150 hrs, TP-1210, CP-Pkr, SI for Build up.  
Garfield County, Co.  
PBTD 6288' Dakota AFE (comp) \$662,000  
N.L. Well Service CUM COST \$707,147  
Belco WI 9.375%

RECEIVED  
FEB 18 1982

DIVISION OF  
OIL, GAS & MINING

SUBMIT IN DUPLICATE\*

STATE OF UTAH

(See other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2619, Casper, WY 82602-2619

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

SE/4SE/4 of Sec. 19, 660' FSL &amp; 660' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API#43-047-31065

5-14-81

12. COUNTY OR PARISH

13. STATE

Utah

Utah

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

19. ELEV. CASINGHEAD

10-10-81

10-26-81

1-7-82

4694' KB 4684' GL

20. TOTAL DEPTH, MD &amp; TVD

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

5377'

5334'

→

0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

G-1 Lime 5253'-5266'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC-GR, DIL-GR, FDC-CNL-GR, CPL, Cmt. Top Temp. Log, ACBL, DTL

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1706'	12 1/4"	800	
5 1/2	15.5, 14	5377'	7 7/8"	500	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5122.72'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5253-5266' w/4JHPF 2" MD Gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5253-5266'	w/1500 gal 15% HCl
	w/6000 gal SXA-1 15% Acid

33.\*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-5-82		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-7-82	24		→	69	TSTM	1	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	69	TSTM	1	31°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

E. C. Mc Kern

TITLE

Area Engineer

DATE 2-16-82

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

U.S.G.S.

2000 Adm. Bldg.

1745 W. 1700 So.

Salt Lake City, UT 84104

Utah Dept of Nat. Resources

Division of Oil, Gas & Mining

1588 West North Temple

Salt Lake City, UT 84116

Belco Pet. Corp.

445 Union Blvd.

Lakewood, CO 80228

R.W.H.

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	5227'	5269'	Core
L. Green Riv.	5227'	5250'	Grey Shale
"	5250'	5263'	Grey Ostracodal Ls, Avg $\phi$ =15.7%
"	5263'	5269'	Grey Shale

### 38.

### GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green Riv. Fm.	+2576	+2576
L. Gr. Riv. Fm.	+480	+480



**STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining**

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Felght, Division Director

March 15, 1982

Gulf Oil Corporation  
P. O. Box 2619  
Casper, Wyoming 82602-2619

Re: Well No. Whiton Federal #1-19-3C  
Sec. 19, T. 8S, R. 21E.  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 16, 1982, from above referred to well, indicates the following electric logs were run: BHC-GR, DIL-GR, FDC-CNL-GR, CPL, Cmt. Top Temp. Log, ACBL, DTL. As of today's date, this office has not received these logs: CPL, Cmt. Top Temp. Log, & DTL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

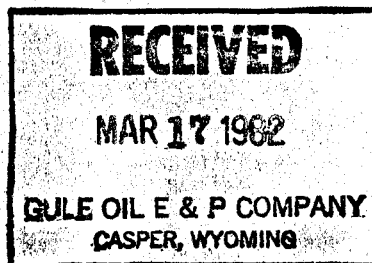
DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

**RECEIVED**  
MAR 24 1982

DIVISION OF  
OIL, GAS & MINING



# Gulf Oil Exploration and Production Company

L. G. Rader  
PRODUCTION MANAGER - CASPER AREA

July 2, 1985

P. O. Box 2619  
Casper, WY 82602

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 05 1985

Gentlemen:

DIVISION OF  
GAS & MINES

Effective July 1, 1985, the corporate name of Gulf Oil Corporation was changed to Chevron U.S.A. Inc. This will be applicable to all operations, agreements, contracts, documents, and permits of Gulf Oil Corporation in the area of and/or under your jurisdiction.

The attached information is being furnished to facilitate the name change of appropriate records under your authority, and submitted as our understanding of the procedure required to accomplish the change.

Please advise this office or the office listed on the attachments should additional information be needed.

Sincerely,



L. G. Rader

KWR/mdb

Attachments



A DIVISION OF GULF OIL CORPORATION

TELEPHONE: (307) 235-1311

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

070811

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0140470

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Whiton Federal

9. WELL NO.

1-19-3C

10. FIELD AND POOL, OR WILDCAT

Gypsum Hills

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 19, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FSL 660' FEL  
SE SE

14. PERMIT NO.

43-047-31065

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4684' GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Request Approval to Flare Gas X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Approval is requested to flare up to 25 MCF/D of casinghead gas at the wellsite. The well is currently flaring 15 MCFD.

3 - BLM  
3 - STATE  
1 - BIA  
1 - BJK  
1 - GDE  
3 - DRLG  
1 - FILE

RECEIVED  
JUL 03 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*L. L. Kirkpatrick*

TITLE Associate Environmental  
Specialist

DATE July 1, 1986

(This space for Federal or State office use)

APPROVED BY

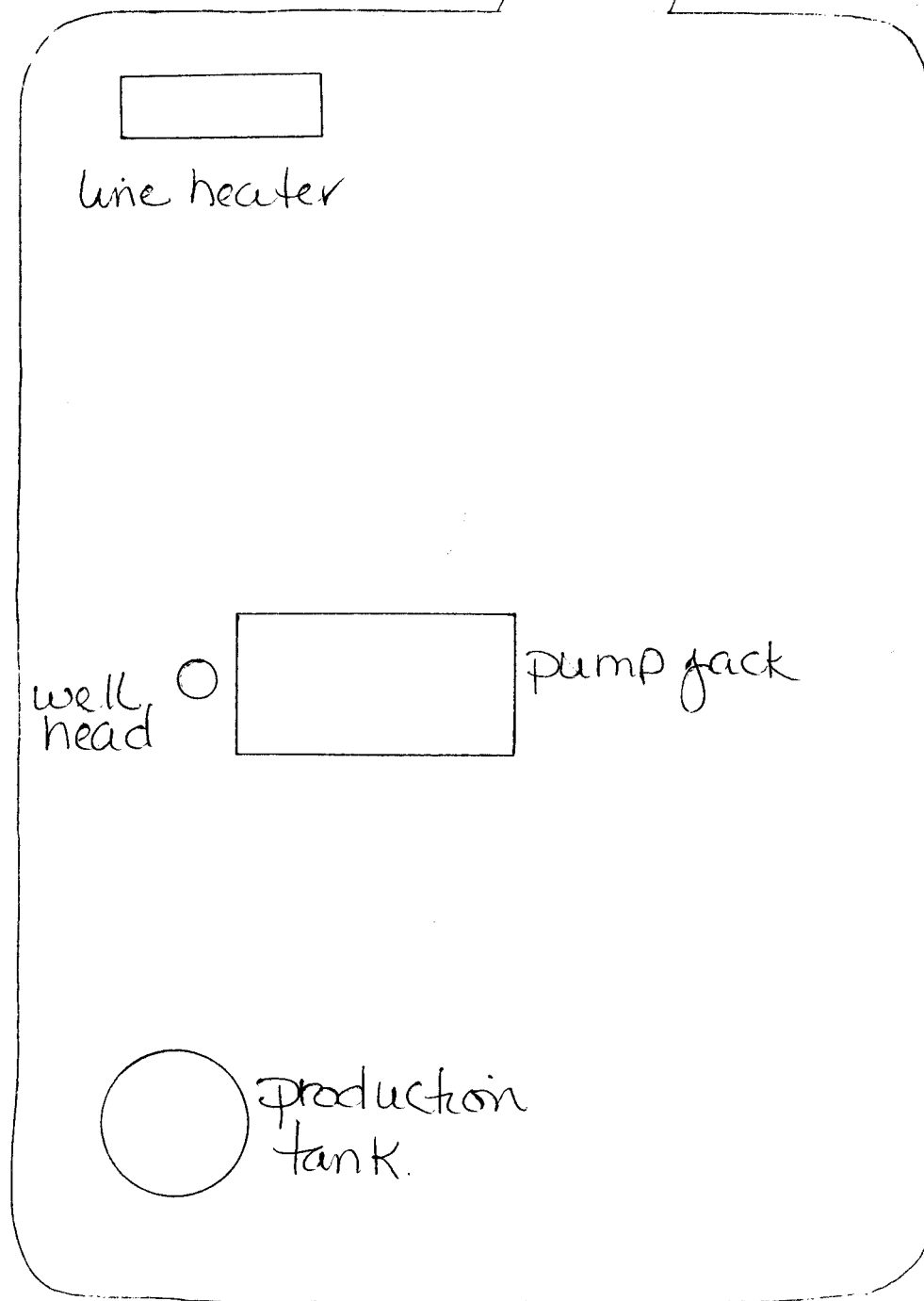
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Whitton Fed 1-19-3c Sec 19, T8S, R21E<sup>31065</sup> Hubly 4/18/89



<u>Lease Name</u>	<u>Field</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>State</u>
Tomlinson/Federal 1-25A2	Bluebell	25	1S	2W	Duchesne	UT
Uintah-Ouray/Tribal 1-1A3	Bluebell	1	1S	3W	Duchesne	UT
Urruty 1-34A2	Bluebell	34	1S	2W	Duchesne	UT
Utah S/F 1-24B1	Bluebell	24	2S	1W	Uintah	UT
Utah State Lnd. Bd. 1-11B1	Bluebell	11	2S	1W	Duchesne	UT
Ute County 1-20C4	Altamont	20	3S	4W	Duchesne	UT
Ute Tribal 1-1C4	Altamont	1	3S	4W	Duchesne	UT
Ute Tribal 1-13B3	Bluebell	13	2S	3W	Duchesne	UT
Ute Tribal 1-15D4	Undesignated	15	4S	4W	Duchesne	UT
Ute Tribal 1-20	Altamont	20	4S	6W	Duchesne	UT
Ute Tribal 1-20Z3	Bluebell	20	1N	2W	Duchesne	UT
Ute Tribal 1-21D3	Bridgeland	21	4S	3W	Duchesne	UT
Ute Tribal 1-21Z2	Bluebell	21	1S	2W	Duchesne	UT
Ute Tribal 1-27D3	Bridgeland	27	4S	3W	Duchesne	UT
Ute Tribal 1-28	Altamont	28	4S	6W	Duchesne	UT
Ute Tribal 1-28D3	Bridgeland	28	4S	3W	Duchesne	UT
Ute Tribal 1-9D4	Duchesne	9	4S	4W	Duchesne	UT
Ute Tribal 3-5E3	Antelope Creek	5	5S	3W	Duchesne	UT
Ute Tribal 5-29E3	Antelope Creek	29	5S	3W	Duchesne	UT
Ute 1-10A3	Altamont	10	1S	3W	Duchesne	UT
Ute 1-13B3	Bluebell	13	2S	3W	Duchesne	UT
Ute 1-2A3	Bluebell	2	1S	3W	Duchesne	UT
Ute 1-2C5	Altamont	2	3S	5W	Duchesne	UT
Ute 1-20Z2	Bluebell	20	1N	2W	Duchesne	UT
Ute 1-22B1	Altamont	22	4S	6W	Duchesne	UT
Ute 1-3A3	Altamont	3	1S	3W	Duchesne	UT
Ute 1-4A3	Altamont	4	1S	3W	Duchesne	UT
Ute 1-5C5	Altamont	5	3S	5W	Duchesne	UT
Voda Ute 1-4C5	Altamont	4	3S	5W	Duchesne	UT
Voda, Josephine 2-19-C5	Altamont	19	3S	5W	Duchesne	UT
Voda, Josephine 1-19-C5	Altamont	19	3S	5W	Duchesne	UT
Whiton Federal 1-19-3C	Gypsum Hills	19	8S	21E	Uintah	UT
Wonsits Unit #10	Wonsits WV	5	8S	22E	Uintah	UT
Wonsits Unit #11	Wonsits WV	5	8S	22E	Uintah	UT
Wonsits Unit #13	Wonsits WV	6	8S	22E	Uintah	UT
Wonsits Unit #14	Wonsits WV	6	8S	22E	Uintah	UT
Wonsits Unit #15	Wonsits WV	6	8S	22E	Uintah	UT
Wonsits Unit #2	Wonsits WV	29	7S	22E	Uintah	UT

06/27/85

leases gulf operated/file2





UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

DOGM 56-64-2  
an equal opportunity employer

Page 23 of 23

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
RED WASH UNIT 302 (22-24B)					
4304731683 05670 07S 23E 24	GRRV				
RED WASH UNIT 303 (34-17B)					
4304731819 05670 07S 23E 17	GRRV				
RWU 219 (44-21C)					
4304730149 05671 07S 24E 21	MVRD				
RWU 250 (41-29C)					
4304730391 05671 07S 24E 29	MVRD				
UTAH STATE 1					
4304715128 05878 07S 24E 36	WSTC				
NORRIS FEDERAL #1					
4301530014 10160 18S 16E 8	DK-CM				
ENNAN FED 3					
4304715419 10750 07S 21E 17	GRRV				
COSTAS FEDERAL #4-21-1C					
4304731826 10826 08S 21E 21	GRRV				
COSTAS FEDERAL #5-21-2C					
4304731827 10831 08S 21E 21	GRRV				
WVU #118					
4304730596 10890 08S 21E 13	WSMVD				
STAGE COACH 23-21					
4304731541 10005 8S 21E 21	GRRV		* 900613 Oper. from Enron to Chevron eff. 4-18-90.		
TOTAL					

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

100  
Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

DOGM 56-64-2  
an equal opportunity employee

Page 7 of 23

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
GULF BRENNAN FED 8							
4304731509	05290 07S 21E 17		GRRV				
COSTAS FED 1-20-4B							
4304731006	05310 08S 21E 20		GRRV				
COSTAS FEDERAL #3-21-10							
4304731604	05314 08S 21E 21		GRRV				
COSTAS FED 2-20-3B							
4304731066	05315 08S 21E 20		GRRV				
GYPSUM HILLS 3							
4304720002	05355 08S 21E 20		GRRV				
KAYE STATE 1-16							
4304730609	05395 10S 23E 16		WSMVD				
UTA FED 1							
4304730879	05420 07S 21E 34		WSTC				
MORGAN ST 1-36							
4304730600	05445 09S 21E 36		WSTC				
WHITEON FED 1-19-30							
4304731065	05660 08S 21E 19		GRRV				
RWU 1 (41-26B)							
4304715135	05670 07S 23E 26		GRRV				
RWU 3 (34-23B)							
4304715136	05670 07S 23E 23		GRRV				
RWU 4 (41-22B)							
4304715137	05670 07S 23E 22		GRRV				
RWU 5 (41-23B)							
4304715138	05670 07S 23E 23		GRRV				
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_





UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

DOGM 56-64-2  
an equal opportunity employer

Page 1 of 23

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC  
P O BOX J SEC 724R  
CONCORD CA 94524  
ATTN: DALE BURRILL

Utah Account No. N0210

Report Period (Month/Year) 12 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
RANGE CREEK FED #1			CDMTN				
4301530113	00480	18S 16E 6					
GYPSUM HILLS 4			GRRV				
4304730028	05250	08S 21E 19					
GYPSUM HILLS 6			GRRV				
4304730099	05251	08S 21E 20					
BRENNAN FED 1			GR-WS				
4304715417	05260	07S 20E 13					
BRENNAN FED 6			GRRV				
4304730109	05261	07S 21E 19					
WVU #4			GRRV				
4304715435	05265	08S 22E 7					
WVU #11			GRRV				
4304715442	05265	08S 21E 12					
WVU #14			GRRV				
4304715445	05265	08S 21E 12					
WVU #15			GRRV				
4304715446	05265	08S 21E 12					
WVU #18			GRRV				
4304715449	05265	08S 21E 14					
WVU #19			GRRV				
4304715450	05265	08S 22E 18					
WVU #24			GRRV				
4304715454	05265	08S 21E 1					
WVU #34			GRRV				
4304715462	05265	08S 21E 11					
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other Gypsum Hills off-lease metering

2. Name of Operator  
Chevron U.S.A. Inc.

3. Address and Telephone No.  
PO Box 599, Denver, CO 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW $\frac{1}{4}$  SE $\frac{1}{4}$   
Sec. 16, T8S, R21E

5. Lease Designation and Serial No.

U-0807

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Battery 6

9. API Well No.

10. Field and Pool, or Exploratory Area

Wonsits Valley

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Metering

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Propose to install a single meter to be located inside the Battery 6 separator building to meter all Gypsum Hills gas at a central location and eliminate operational problems associated with gas meters located outside buildings during winter months.

Currently, gas is metered individually at Stagecoach 23-21, Costas 4-21-1C, and Costas 5-21-2C. Gas is metered collectively from Costas 1-20-4B, Costas 2-20-3B, Costas 3-21-1D, Gypsum Hills #3, Gypsum Hills #4, Gypsum Hills #6 and the Whiton Federal by a single meter located at Gypsum Hills #3. The gas goes to Wonsits Valley Battery 6 for compression, processing and distribution as Wonsits Valley fuel gas.

RECEIVED

MAY 08 1991

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

3-BLM  
3-State  
1-JRB  
1-BES  
1-Cent. File  
1-JLW

DIVISION OF

DATE: 5-17-91

OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Technical Assistant

Date

4-30-91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



**Chevron U.S.A. Inc.**

6400 South Fiddler's Green Circle, Englewood, CO 80111, P.O. Box 599, Denver, CO 80201  
June 3, 1991

Gypsum Hills Secondary Recovery Unit  
Whiton Federal #1-19-3C  
SE SE Sec. 19 - T8S, R21E  
Uintah County, Utah

Bureau of Land Management  
324 South State  
Salt Lake City, Utah 84111

Attention Mr. Bob Hendricks

Dear Mr. Hendricks:

Chevron U.S.A. Inc. plans to recompleate the subject well in several Green River Formation zones which are not part of the Unitized interval in the Gypsum Hills Secondary Recovery Unit. The well is currently completed in the Unitized interval of the Green River from 5253' to 5266', but it is not producing. A cast iron bridge plug will be placed over these perforations while the upper zones are completed and tested. If the recompletion work is successful, we shall produce from the upper zones. If not, the well will be temporarily abandoned and reserved for later waterflood operations within the Unitized zone. If you have any questions concerning our plan, please call me at (303) 930-3147.

Very truly yours,

*C. L. Arsenault*

C. L. Arsenault  
Petroleum Engineer

CLA:jbd

cc: BLM-Vernal (w/Notice of Intent)  
bcc: F. L. Wilson  
F. H. Smith

December 1989.

**UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.

Form Approved

Budget Bureau No.1004-8135

5. Lease Designation and Serial No.

WHITON FED. U-0140740

6. If Indian, Allotte or Tribe Name

UTE- OURAY

7. If Unit or CA. Agreement Designation

GYPSUM HILLS - UTU67951A

8. Well Name and No.

WHITON FED. #1-19-3C

9. API Well No.

43-04731065

10. Field and Pool, or Exploratory Area

GYPSUM HILLS

11. County or Parish, State

Uintah

Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

OIL

WELL ☒

GAS

WELL ☐OTHER ☐

2. Name of Operator

CHEVRON U.S.A. INC

3. Address and Telephone No.

PO BOX 599

Attn:

R.K. LACKEY

DENVER, CO. 80201

[303-930-3695]

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL, 660' FEL, (SE SE)

SEC 19, T8S, R21E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment  
☒ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other
- ☐ Change of plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 1] SET CIBP TO ISOLATE G1
- 2] PERFORATE : (4344'-56'), (4315'-22'), (4220'-35'), (3680'-92'), (2465'-70'), (2454'-58'), (2434'-40)
- 3] STIMULATE & TEST TO EVALUATE EACH INTERVAL
- 4] SQUEEZE EACH NONPRODUCTIVE ZONE
- 5] IF SUCCESSFUL RETURN WELL TO PRODUCTION
- 6] IF UNSUCCESSFUL, THE WELL WILL BE TA'd FOR FURTHER EVALUATION

\* SEE ATTACHED LETTER

3-EPA

3-BLM

3-STATE

1-JRB

1-Drlg

1-REK

1-JEW

1-SEC724R

1-SEC 724C

**RECEIVED**

JUN 10 1991

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS AND MINING**

DATE: 6-24-91  
 BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

R.K. Lackey

Title

DRILLING ENGINEER

Date

6-3-91

(This space for State office use)

Approved by

Title

Date

Conditions of Approval, if any:

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

Form Approved

Budget Bureau No.1004-8135

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.

5. Lease Designation and Serial No.

Whiton Fed. U-140740

6. If Indian, Allotte or Tribe Name

UTE-OURAY

SUBMIT IN TRIPLICATE

1. Type of Well

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator

CHEVRON U.S.A. INC

3. Address and Telephone No.

PO BOX 599 Attn: Mark Miller  
DENVER, CO. 80201 (303)-930-3546

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 660' FEL (SE/4, SE/4)  
Sec. 19, T8S, R21E

7. If Unit or CA. Agreement Designation

Gypsum Hills - UTU67951A

8. Well Name and No.

Whiton Fed. #1-19-3C

9. API Well No.

43-047-31065

10. Field and Pool, or Exploratory Area

Gypsum Hills

11. County or Parish, State

Uintah  
Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other
- ☐ Change of plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Perforating and Acidizing

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 1) MIRU Gudac WSU on 6/8/91, C/O to 5334' PBTD.
- 2) Set CIBP @5170', Perf. 4315'-22' & 4344'-56', Acdz w/1500 gal's 15% HCL, Swab test zone.
- 3) Perf. 4220'-35', Acdz w/1200 gal's 15% HCL, Swab test zone.
- 4) Perf. 3680'-92', Acdz w/1000 gal's 15% HCL, Swab test zone.
- 5) Perf; 2434'-40', 2454'-58', 2465'-70', Acdz w/1200 gal's 15% HCL, Swab test.
- 6) Cmt. Sqz perfs. 3680'-92' w/100 sxs cmt, C/O Cmt., Pressure & Swab test Sqz.
- 7) Frac 4315'-56', Swab test zone, POOH w/Pkr & RBP.
- 8) RIH w/ Prod Eq. (Tbg & Rods), RDMO on 6/19/91, TWOTP.

3-BLM 1-Drlg  
3-STATE 1-REK  
1-JRB ERR  
1-SEC724R  
1-SEC 724C

RECEIVED

JUN 24 1991

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Mark Miller*

Title

DRILLING ENGINEER

Date

6/21/91

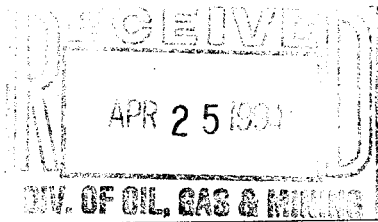
(This space for State office use)

Approved by

Title

Date

Conditions of Approval, if any:



Memorandum GO-144

4-19 19 94

To Lisha  
From Susanne Paclebon (510) 827-7393  
Subject: State Entity Number for Unit

Our File: # 940425 Updated: *for*

Your File:

Enclosed is a list of wells that are included in the unitized 'Gypsum Hills Unit.' I believe I've highlighted all the leases involved, with exception of API well #4304731932 which was not on the list.

I'd prefer entity #5355, but if it will work. Also we have it in our system as Gypsum Hills Field.

Please let me know when this is complete. I have informed the person who prepares the production/distribution Reports of the forthcoming changes.

Call me if you have any questions.

Thank you!

*Susanne*

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

Page 1 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
 CHEVRON USA INC  
 PO BOX J SEC 975  
 CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name						Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location			OIL(BBL)				GAS(MCF)	WATER(BBL)	
RANGE CREEK FED #1											
4301530113	00480	18S	16E	6	CDMTN						
STAGECOACH U 10-23											
4304720163	04925	08S	21E	23	GRRV						
GYPSUM HILLS 4											
4304730028	05250	08S	21E	19	GRRV						
GYPSUM HILLS 6											
4304730099	05251	08S	21E	20	GRRV						
BRENNAN FED 1											
4304715417	05260	07S	20E	13	GR-WS						
BRENNAN FED 6											
4304730109	05261	07S	21E	19	GRRV						
WVU 6											
4304715437	05265	08S	22E	7	GRRV						
WVU 14											
4304715445	05265	08S	21E	12	GRRV						
WVU 24											
4304715454	05265	08S	21E	1	GRRV						
WVU 34											
4304715462	05265	08S	21E	11	GRRV						
WVU 35											
4304715463	05265	08S	21E	14	GRRV						
WVU 39											
4304715467	05265	08S	21E	11	GRRV						
WVU 42											
4304715470	05265	08S	21E	11	GRRV						
TOTALS											

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 6 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
CHEVRON USA INC  
PO BOX J SEC 975  
CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COSTAS FED 1-20-4B								
4304731006	05310	08S 21E 20	GRRV					
COSTAS FED 2-20-3B								
4304731066	05315	08S 21E 20	GRRV					
GYPSUM HILLS 3								
4304720002	05355	08S 21E 20	GRRV					
KAYE STATE 1-16								
4304730609	05395	10S 23E 16	WSMVD					
LEOTA FED 1								
4304730879	05420	07S 21E 34	WSTC					
MORGAN ST 1-36								
4304730600	05445	09S 21E 36	WSTC					
WHITON FED 1-19-3C								
4304731065	05660	08S 21E 19	GRRV					
RWU 1 (41-26B)								
4304715135	05670	07S 23E 26	GRRV					
RWU 3 (34-23B)								
4304715136	05670	07S 23E 23	GRRV					
RWU 4 (41-22B)								
4304715137	05670	07S 23E 22	GRRV					
RWU 5 (41-23B)								
4304715138	05670	07S 23E 23	GRRV					
RWU 8 (32-22B)								
4304715139	05670	07S 23E 22	GRRV					
RWU 9 (43-23B)								
4304715140	05670	07S 23E 23	GRRV					
TOTALS								

COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 22 of 22

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ED OSWALD  
CHEVRON USA INC  
PO BOX J SEC 975  
CONCORD CA 94524

UTAH ACCOUNT NUMBER: N0210REPORT PERIOD (MONTH/YEAR): 8 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
VPI Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
RWU 219 (44-21C)								
4304730149	05671	07S 24E 21	GRRV					
RWU 250 (41-29C)								
4304730391	05671	07S 24E 29	MVRD					
UTAH STATE 1								
4304715128	05878	07S 24E 36	GRRV					
STAGECOACH FEDERAL 23-21								
4304731541	10005	08S 21E 21	GRRV					
BRENNAN FED 3								
4304715419	10750	07S 21E 17	GRRV					
COSTAS FEDERAL 4-21-1C								
4304731826	10826	08S 21E 21	GRRV					
COSTAS FEDERAL #5-21-2C								
4304731827	10831	08S 21E 21	GRRV					
WVU 118								
4304730596	10890	08S 21E 13	WSMVD					
GYPSUM HILLS 9								
4304732304	11467	08S 21E 20	GRRV					
Gypsum Hills 10								
4304732306	11467	08S 21E 21	DPL					
4304732307	11467	08S 21E 21	GRRV	W/W				
4304732308	11467	08S 21E 21	GRRV	W/W				
4304731932	5355	8S 21E 20	GRRV					
TOTALS								

COMMENTS: \_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

Page 22 of 22

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VPI Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
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4304730149	05671	07S 24E 21	GRRV					
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UTAH STATE 1								
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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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						OIL(BBL)	GAS(MCF)	WATER(BBL)
COSTAS FED 1-20-4B 4304731006 05310 08S 21E 20			GRRV					
COSTAS FED 2-20-3B 4304731066 05315 08S 21E 20			GRRV					
GYPSUM HILLS 3 4304720002 05355 08S 21E 20			GRRV					
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LEOTA FED 1 4304730879 05420 07S 21E 34			WSTC					
MORGAN ST 1-36 4304730600 05445 09S 21E 36			WSTC					
WHITON FED 1-19-3C 4304731065 05660 08S 21E 19			GRRV					
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Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

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GYPSUM HILLS 6								
4304730099	05251	08S 21E 20	GRRV					
BRENNAN FED 1								
4304715417	05260	07S 20E 13	GR-WS					
BRENNAN FED 6								
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WVU 6								
4304715437	05265	08S 22E 7	GRRV					
WVU 14								
4304715445	05265	08S 21E 12	GRRV					
WVU 24								
4304715454	05265	08S 21E 1	GRRV					
WVU 34								
4304715462	05265	08S 21E 11	GRRV					
WVU 35								
4304715463	05265	08S 21E 14	GRRV					
WVU 39								
4304715467	05265	08S 21E 11	GRRV					
WVU 42								
4304715470	05265	08S 21E 11	GRRV					
<b>TOTALS</b>								

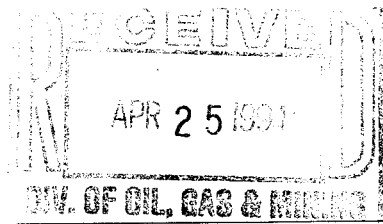
COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



Memorandum GO-144

4-19 19 94

To Lisha  
From Susanne Paclebon (510) 827-7393  
Subject: State Entity Number for Unit

Our File: #940425 Updated: *lee*

Your File:

Enclosed is a list of wells that are included in the unitized 'Gypsum Hills Unit.' I believe I've highlighted all the leases involved, with exception of API well #4304731932 which was not on the list.

I'd prefer entity #5355, but if it will work. Also we have it in our system as Gypsum Hills Field.

Please let me know when this is complete. I have informed the person who prepares the production/distribution reports of the forthcoming changes.

Call me if you have any questions.  
Thank you!

*Susanne*

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

#### SUBMIT IN TRIPLICATE

## 1. Type of Well

Oil

Gas



Well



Well



Other

## 2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

## 3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310

or Gary Scott in Rangely, CO. (970) 675-3791

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL &amp; 660' FEL (SE SE) SECTION 19, T8S, R21E, SLBM

## 5. Lease Designation and Serial No.

U-0140740

## 6. If Indian, Allottee or Tribe Name

UINTAH-OURAY

## 7. If Unit or CA, Agreement Designation

GYPSUM HILLS UNIT

## 8. Well Name and No.

WHITON-FEDERAL 1-19-3C

## 9. API Well No.

43-047-31065

## 10. Field and Pool, or Exploratory Area

Gypsum Hills - Green River

## 11. County or Parish, State

UINTAH, UTAH

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing

Other ACID STIMULATION

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

1. Hot oil as required. MIRU. Pull rod pumping equipment and tubing.

2. Clean out to original PBD at 5334'.

3. Hydrotest in hole to ~5500 psi with packer. Set packer at ~5200'.

4. Stimulate with a closed fracture acidizing treatment as follows:

Fluid System

HCl ACID - 28% HCl containing 2 Gal/M SSO-21 and 2 Gal/M HAI-85M.

GELLED ACID - 28% HCl containing 2 Gal/M SSO-21, 20 Gal/M SGA and 2 Gal/M HAI-85M.

FLUSH - Produced water containing 2 Gal/M CLA-FIX II.

STAGE 1: 20 BPM, Acid, Volume 1,500 gal., Cumulative Volume 1,500 gal.

STAGE 2: 20 BPM, SGA ACID, Volume 18,500 gal., Cumulative Volume 20,000 gal.

STAGE 3: Shut down ~ 30 minutes to allow fracture to close.

STAGE 4: 2 BPM, Acid, Volume 3,000 gal., Cumulative Volume 23,000 gal.

STAGE 5: 2 BPM, Flush, Volume ~ 1,500 gal., Cumulative Volume 24,500 gal.

NOTE: The 20 BPM rate is a maximum target only. If unable to achieve 20 BPM, pump at maximum possible rate without exceeding ~5000 PSI surface injection pressure

5. Flow/Swab test until pH &gt; 5.0 or recovery no longer includes load fluid.

6. Release packer and TOH. Run tubing and rod pumping equipment.

7. RDMO.

SEE ATTACHMENT

## 14. I hereby certify that the foregoing is true and correct.

Signed G.D. Scott

*G.D. Scott*Title Drilling TechnicianDate August 23, 1995

(This space for Federal or State office use)

Approved by: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Chevron**

AUGUST 15, 1995

WHITON FEDERAL 1-19-3C RECOMPLETION PLANS  
LEASE #U-0140740  
GYPSUM HILLS FIELD  
UINTAH COUNTY, UT

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 SOUTH 500 EAST  
VERNAL, UT 84078

Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300

**Ladies and Gentlemen:**

Per the enclosed sundry notice, it is our intent to resume production from the original G1 Lime perforations at Whiton Federal 1-19-3C. The well was plugged back from the G1 Lime and recompleted in several uphole intervals of the Green River Formation during a 1991 workover. At present, the well produces approximately 5 BOPD from these intervals and has remaining reserves of approximately 5000 BO. Waterflood development of the G1 Lime in Gypsum Hills Unit during the past few years has generated an excellent production response and the proposed work should significantly improve performance of the subject well.

The G1 Lime is the unitized zone for Gypsum Hills Unit. We do not believe exclusion of the uphole intervals by cement squeezing or any other means is justified. Instead, we propose to allocate Unit and non-Unit production via oil fingerprinting. Results of an internal study are enclosed, with oil from all uphole intervals collectively labeled "Parachute". Several important factors lead to this proposal:

- No ownership interests would be affected.
- All production would continue to be from the Green River Formation.
- A dual completion is impossible due to artificial lift requirements.

Oil fingerprinting is a proven technology which, in this case, would be much more cost effective than excluding uphole intervals now and reopening them at a later date. In fact, it is unlikely that remaining reserves in the uphole intervals could justify the cost of a future recompletion. Your timely consideration of this proposal would be appreciated. Please call S. D. McPherson at (801) 781-4310 if you have any questions or comments.

Sincerely,

  
\_\_\_\_\_  
J. T. CONLEY  
RED WASH ASSET TEAM LEADER

Enclosures



**Chevron**

Houston Technical Center

June 29, 1995

## Oil Fingerprinting

### Whiton #1-19-3C & Gypsum Hills #4, Uintah Co., Utah Green River Fm. — Parachute Zone vs. G1 Lime Zone Oil Allocation Study

Mary McPherson

**We found that it is possible to determine the amounts of Parachute oil and G1 Lime oil in commingled production.**

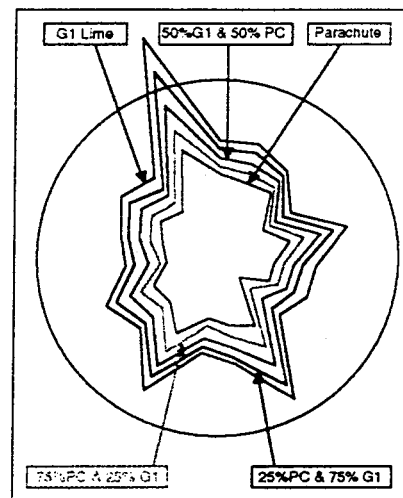
Using Parachute zone oil from Whiton #1-19-3C and G1 Lime oil from Gypsum Hills #4, we prepared mixtures shown in the table below.

<u>Weight Percent</u>	
<b>Parachute</b>	<b>G1 Lime</b>
100.0%	0.0%
74.7%	25.3%
50.1%	49.9%
25.6%	74.4%
0.0%	100.0%

From the results of FSCOT chromatography, we were able to identify peak ratios that were linear combinations (see graph at right). When the mixtures in the table above were treated as unknowns, we got the results in the table below. These are within 2% of the known, starting compositions.

#### F-Scot Oil Allocation Percentages

<b>Parachute</b>	<b>G1 Lime</b>
100.0%	0.0%
76.1%	23.9%
50.7%	49.3%
24.7%	75.3%
0.0%	100.0%



**As a further check of the validity of the methodology, we ran a G1 Lime oil from Gypsum Hills #9. It came out 2.9% Parachute and 97.1% G1 Lime. This confirms that we can discriminate mixed production to within 3% of the amount present.**

R. J. Lenz Jr.  
P. A. Mariotti

cc: John Conley, Fred O'Toole, Steve McPherson, Mike Alexander



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Gas  
☒ Well ☐ Well ☐ Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 660' FEL (SE SE) SECTION 19, T8S, R21E, SLBM

5. Lease Designation and Serial No.

U-0140740

6. If Indian, Allottee or Tribe Name

UINTAH-OURAY

7. If Unit or CA, Agreement Designation

GYPSUM HILLS UNIT

8. Well Name and No.

WHITON FEDERAL 1-19-3C

9. API Well No.

43-047-31065

10. Field and Pool, or Exploratory Area

Gypsum Hills - Green River

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other ACID STIMULATION	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

DATE OF WORK: 12/13/95 TO 12/26/95

1. SQUEEZE PERFS: 4220-4356 W/75 SXS CLASS H CEMENT.
2. SQUEEZE PERFS: 2434-2470 W/75 SXS CLASS H CEMENT.
3. DRILL OUT CIBP @ 5170', CLEAN OUT TO PBTD @ 5334'.
4. ACID FRAC PERFS: 5253-5266' WITH 23,000 GALLONS 28% HCL.
5. SWAB BACK LOAD TO P.H. OF 6
6. EQUIP TO PUMP.

14. I hereby certify that the foregoing is true and correct.

Signed G.D. Scott

Title Drilling Technician

Date January 10, 1996

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

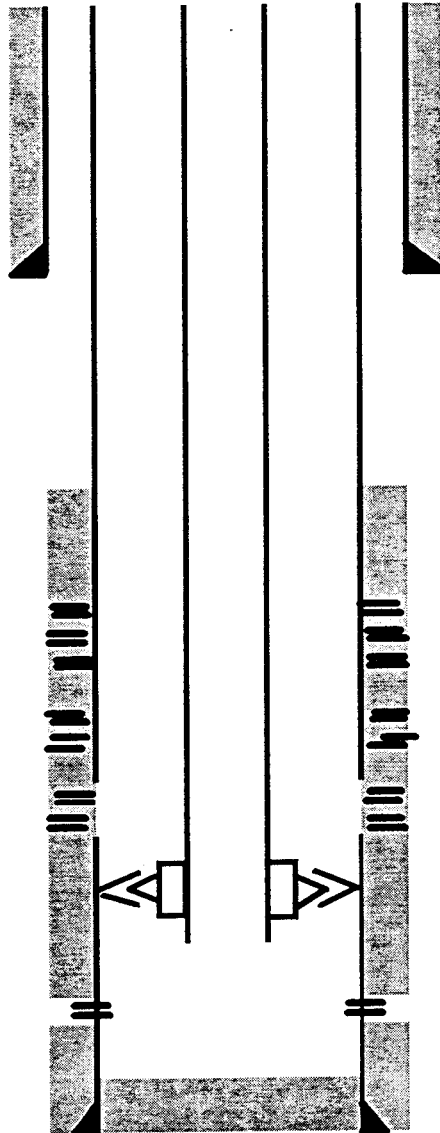
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG *</b>						5. LEASE DESIGNATION AND SERIAL NO. U-0140740	
<div style="display: flex; justify-content: space-between;"><div>1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____</div><div>7. UNIT AGREEMENT NAME GYPSUM HILLS UNIT</div></div> <div style="display: flex; justify-content: space-between;"><div>b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input checked="" type="checkbox"/> Other _____</div><div>8. FARM OR LEASE NAME WHITON FEDERAL</div></div>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME UINTAH-OURAY	
						9. WELL NO. 1-19-3C	
2. NAME OF OPERATOR CHEVRON U.S.A. PRODUCTION COMPANY						10. FIELD AND POOL, OR WILDCAT GYPSUM HILLS-GRN. RIVER	
3. ADDRESS OF OPERATOR 11002 E. 17500 S. VERNAL, UT 84078-8526						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE SE SEC. 19, T8S, R21E, SLBM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*  At surface 660' FSL & 660' FEL At top rod. interval reported below AS ABOVE At total depth AS ABOVE						12. COUNTY OR PARISH UINTAH	
14. PERMIT NO. 43-047-31065						13. STATE UTAH	
15. DATE SPURRED 10/10/81		16. DATE T.D. REACHED 10/26/81		17. DATE COMPL. (Ready to prod.) 1/11/96		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4694 KB 4684 GR	
20. TOTAL DEPTH, MD & TVD 5377		21. PLUG BACK T.D., MD & TVD 5334		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY -----> ALL	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* GREEN RIVER(G1 LIME) TOP 5250 MD 5250 TVD						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN NONE THIS WORKOVER						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB/FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		1706'		12 1/4"	
5 1/2"		15/5, 14		5377'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
2 7/8"						5311	
31. PERFORATION RECORD (Interval, size and number)							
4220-4356 SQUEEZED WITH 75 SACKS CLASS H CEMENT							
2434-2470 SQUEEZED WITH 75 SACKS CLASS H CEMENT							
5253-5266 W/4JHPF 2" MD GUN RE-EXPOSED							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5253-5266				23,000 GALLONS 28% HCL			
33. PRODUCTION							
DATE FIRST PRODUCTION 12/30/95		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2 1/2" X 2" X 16' ROD PUMP				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 1/14/96		HOURS TESTED 24		CHOKE SIZE		PROD'N FOR TEST PERIOD	
						OIL--BBL. 50 GAS--MCF. 76 WATER--BBL. 80 GAS-OIL RATIO 1520 SCF/BBL	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
				----->		29.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD						TEST WITNESSED BY GLEN BEAMAN	
35. LIST OF ATTACHMENTS NONE							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED G.D. SCOTT <i>G.D. Scott</i>		TITLE DRILLING TECHNICIAN		DATE February 6, 1996			

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
UINTA GREEN RIVER	SURFACE 2576	2576		G1 LIME	5250	5250

# CURRENT WELLBORE DIAGRAM

LEASE: <u>Whiton Federal</u>	WELL: <u>1-19-3C</u>	FIELD: <u>Gypsum Hills (Green River)</u>	API: <u>43-047-31065</u>
LOC: <u>660' FSL &amp; 660' FEL, SE/SE</u>	SEC: <u>19</u>	BLK: <u>T-8-S, R-21-E</u>	REF NO: _____
SVY: <u>Uintah Eng. &amp; Land Survey</u>	GL: <u>4684'</u>	CTY/ST: <u>Uintah, Utah</u>	SPUD: <u>10/10/81</u>
CURRENT STATUS: <u>Producer</u>	KB: <u>4694'</u>	Lease #: <u>U-0140740</u>	TD DATE: <u>10/26/81</u>
			COMP. DATE: <u>1/7/82</u>



HOLE SIZE: 12 1/4"  
 SURF CSG & SIZE: 8 5/8", 24# K-55, ST&C  
 SET @: 1706'  
 SXS CMT: 600 sx Class H followed by  
 200 sx. Class G  
 CIRC: Surf  
 TOC AT: Surf

## \*\*\*\*\*GEOLOGY\*\*\*\*\*

### FORMATION TOPS

Uinta	Surface
Green River	2576'

G1 Lime	5250'
---------	-------

### CURRENT PERFS:

Excluded	Upper Green River
(Cement Squeezed)	4344'-56, 4315'-22', 4220'-35,
	2465'-70', 2454'-58'
	2434'-40' 3680-92'
Open	G1 Lime 5253'-5266'

HOLE SIZE: 7 7/8"  
 PROD. CSG & SIZE: 5 1/2", 15.5# & 14# K-55, ST&C  
 SET @: 5377'  
 SXS CMT: 500 Sx Class H

CIRC: \_\_\_\_\_  
 TOC AT: 1780'  
 TOC BY: Temp Survey

TBG:  
 2-7/8" @ 5311'  
 TAC @ 5279'  
 SN @ 5278'

PBTD: 5334'  
 TD: 5377'

BY: S.D. McPHERSON  
 2/6/96

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Gas  
☐ Well ☐ Well ☒ Other MULTIPLE WELLS LIST ATTACHED

2. Name of Operator  
CHEVRON U.S.A. INC.

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
GYPSUM HILLS UNIT  
UTU 67951A

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area  
Gypsum Hills Unit

11. County or Parish, State  
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. Inc. resigns as Operator of the Gypsum Hills Unit.  
The Unit number is UTU 76951A effective April 1, 1991.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: Mitchell L. Solich  
Mitchell L. Solich  
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker Title Assistant Secretary Date 12/29/1999

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Gypsum Hills (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.


bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Gypsum Hills (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well	Lease	API Number	Status	Type	
COSTAS FEDERAL 1-20-4B	U-0140740	43-047-31006	A	INJ	1
COSTAS FEDERAL 2-20-3B	U-0140740	43-047-31066	A	INJ	1
COSTAS FEDERAL 3-21-1D	U-0804	43-047-31604	A	INJ	1
GYPSUM HILLS UNIT 10	U-025960	43-047-32306	A	INJ	2
GYPSUM HILLS UNIT 15	U-0140740	43-047-32648	A	INJ	6
GYPSUM HILLS UNIT 17	U-0140740	43-047-32649	A	INJ	6
GYPSUM HILLS UNIT 3	U-0140740	43-047-20002	A	INJ	6
GYPSUM HILLS UNIT 6	U-0140740	43-047-30099	A	INJ	6
GYPSUM HILLS UNIT 8-1 (SRU)	U-0140740	43-047-31932	A	INJ	6
GYPSUM HILLS UNIT 12	U-0140740	43-047-32458	A	INJ	6
COSTAS FEDERAL 4-21-1C	U-0804	43-047-31826	A	OIL	6
COSTAS FEDERAL 5-21-2C	U-0804	43-047-31827	A	OIL	6
GYPSUM HILLS 16	U-0140740	43-047-32675	A	OIL	6
GYPSUM HILLS UNIT 18	U-014740	43-047-32650	A	OIL	6
GYPSUM HILLS UNIT 4	U-0140740	43-047-30028	A	OIL	6
GYPSUM HILLS UNIT 9	U-0140740	43-047-32304	A	OIL	6
GYPSUM HILLS UNIT 11	U-0140740	43-047-32459	A	OIL	6
GYPSUM HILLS UNIT 13	U-0140740	43-047-32460	A	OIL	6
GYPSUM HILLS UNIT 14	U-0140740	43-047-32647	A	OIL	6
GYPSUM HILLS UNIT 19	U-0140740	43-047-32651	A	OIL	6
GYPSUM HILLS UNIT 20	U-0140740	43-047-32652	A	OIL	6
WHITON-FEDERAL 1-19-3C	U-0140740	43-047-31065	A	OIL	6
STAGECOACH 23-21	U-025960	43-047-31541	A	OIL	6
GYPSUM HILLS UNIT 21	U-0933	43-047-32692	A	GAS	6
GYPSUM HILLS 22 WG	U-0804	43-047-32818	A	GAS	6

## OPERATOR CHANGE WORKSHEET

## ROUTING

	4-KAS
2. CDW	5- <del>SP</del> ✓
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01/01/2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

CA No.

Unit: GYPSUM HILLS

**WELL(S)**

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
GYPSUM HILLS UNIT 4	43-047-30028	5355	19	08S	21E	FEDERAL
WHITON FEDERAL 1-19-3C	<del>43-047-31065</del>	5355	<del>19</del>	<del>08S</del>	<del>21E</del>	FEDERAL
GYPSUM HILLS 16	43-047-32675	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 18	43-047-32650	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 9	43-047-32304	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 11	43-047-32459	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 14	43-047-32647	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 19	43-047-32651	5355	20	08S	21E	FEDERAL
GYPSUM HILLS UNIT 20	43-047-32652	5355	20	08S	21E	FEDERAL
COSTAS FEDERAL 4-21-1C	43-047-31826	5355	21	08S	21E	FEDERAL
COSTAS FEDERAL 5-21-2C	43-047-31827	5355	21	08S	21E	FEDERAL
STAGECOACH 23-21	43-047-31541	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 21	43-047-32692	5355	21	08S	21E	FEDERAL
GYPSUM HILLS UNIT 22 WG	43-047-32818	5355	22	08S	21E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/15/2000



4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was ~~contacted~~ contacted on: \_\_\_\_\_

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/16/2000

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/16/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/16/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: \_\_\_\_\_

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV OF OIL, GAS & MINING

SE (N4235) to QEP (N2460) GYPSUM HILLS UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P	
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P	
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P	
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P	
COSTAS FED 1-20-4B	20	080S	210E	4304731006	5355	Federal	WI	A	
COSTAS FED 2-20-3B	20	080S	210E	4304731066	5355	Federal	WI	A	
COSTAS FED 3-21-1D	21	080S	210E	4304731604	5355	Federal	WI	A	
GYPSUM HILLS 10	21	080S	210E	4304732306	5355	Federal	WI	A	
GYPSUM HILLS 12	19	080S	210E	4304732458	5355	Federal	WI	A	
GYPSUM HILLS 15	20	080S	210E	4304732648	5355	Federal	WI	A	
GYPSUM HILLS 17	20	080S	210E	4304732649	5355	Federal	WI	A	
GYPSUM HILLS 3	20	080S	210E	4304720002	5355	Federal	WI	A	
GYPSUM HILLS 6	20	080S	210E	4304730099	5251	Federal	WI	A	
SRU 8-I	20	080S	210E	4304731932	5355	Federal	WI	A	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (Green River) Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Gypsum Hills (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Gypsum Hills (Green River) Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Gypsum Hills (Green River) Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Gypsum Hills (Green River) Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFO

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**2/1/2003**

FROM: (Old Operator):	TO: ( New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No.

Unit: GYPSUM HILLS (GREEN RIVER)

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
GHFU 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
GYPSUM HILLS 4	19	080S	210E	4304730028	5355	Federal	OW	P	
WHITON FED 1-19-3C	19	080S	210E	4304731065	5355	Federal	OW	P	
GYPSUM HILLS 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GYPSUM HILLS 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GYPSUM HILLS 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GYPSUM HILLS 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GYPSUM HILLS 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GYPSUM HILLS 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GYPSUM HILLS 9	20	080S	210E	4304732304	5355	Federal	OW	P	
COSTAS FED 4-21-1C	21	080S	210E	4304731826	5355	Federal	OW	P	
COSTAS FED 5-21-2C	21	080S	210E	4304731827	5355	Federal	OW	P	
GYPSUM HILLS 13	21	080S	210E	4304732460	5355	Federal	OW	P	
STAGECOACH FED 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
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CA No.				Unit:		GYPSUM HILLS UNIT		
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**



Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GYPSUM HILLS 3	GH 3	NENE	20	080S	210E	4304720002	5355	Federal	WI	A
GYPSUM HILLS 4	GH 4	SWSE	19	080S	210E	4304730028	5355	Federal	OW	P
GYPSUM HILLS 6	GH 6	NENW	20	080S	210E	4304730099	5251	Federal	WI	A
COSTAS FED 1-20-4B	GH 1-20	NESW	20	080S	210E	4304731006	5355	Federal	WI	A
WHITON FED 1-19-3C	GH 1-19	SESE	19	080S	210E	4304731065	5355	Federal	OW	P
COSTAS FED 2-20-3B	GH 2-20	NESE	20	080S	210E	4304731066	5355	Federal	WI	A
STAGECOACH FED 23-21	GH 23-21	NWSW	21	080S	210E	4304731541	5355	Federal	OW	P
COSTAS FED 3-21-1D	GH 3-21	SWNW	21	080S	210E	4304731604	5355	Federal	WI	A
COSTAS FED 4-21-1C	GH 4-21	SENE	21	080S	210E	4304731826	5355	Federal	OW	P
COSTAS FED 5-21-2C	GH 5-21	SENE	21	080S	210E	4304731827	5355	Federal	OW	P
SRU 8-I	GH 8-I	SWNE	20	080S	210E	4304731932	5355	Federal	WI	A
GYPSUM HILLS 9	GH 9	SENE	20	080S	210E	4304732304	5355	Federal	OW	P
GYPSUM HILLS 10	GH 10	NWSE	21	080S	210E	4304732306	5355	Federal	WI	A
GYPSUM HILLS 12	GH 12	NESE	19	080S	210E	4304732458	5355	Federal	WI	A
GYPSUM HILLS 11	GH 11	NWSE	20	080S	210E	4304732459	5355	Federal	OW	P
GYPSUM HILLS 13	GH 13	NESW	21	080S	210E	4304732460	5355	Federal	OW	P
GYPSUM HILLS 14	GH 13	NWSW	20	080S	210E	4304732647	5355	Federal	OW	P
GYPSUM HILLS 15	GH 15	SWSW	20	080S	210E	4304732648	5355	Federal	WI	A
GYPSUM HILLS 17	GH 17	SWSE	20	080S	210E	4304732649	5355	Federal	WI	A
GYPSUM HILLS 18	GH 18	SESE	20	080S	210E	4304732650	5355	Federal	OW	P
GYPSUM HILLS 19	GH 19	SWNW	20	080S	210E	4304732651	5355	Federal	OW	P
GYPSUM HILLS 20	GH 20	SENE	20	080S	210E	4304732652	5355	Federal	OW	P
GYPSUM HILLS 16	GH 16	SESW	20	080S	210E	4304732675	5355	Federal	OW	P
GHU 10W-19-8-21	GH 10W-19-8-21	NWSE	19	080S	210E	4304733528	12736	Federal	GW	P
GH 10G-19-8-21	GH 10G-19-8-21	NWSE	19	080S	210E	4304733566	5355	Federal	OW	P
WVFU 11W-17-8-21	WV 11W-17-8-20	NESW	17	080S	210E	4304733912	13228	Federal	GW	P
WV 5W-17-8-21	WV 5W-17-8-21	SWNW	17	080S	210E	4304733954	13332	Federal	GW	P
WV 7W-17-8-21	WV 7W-17-8-21	SWNE	17	080S	210E	4304733956	13330	Federal	GW	P
GH 9W-17-8-21	GH 9W-17-8-21	NESE	17	080S	210E	4304734150	13392	Federal	GW	P
GH 16W-17-8-21	GH 16W-17-8-21	SESE	17	080S	210E	4304734156	13354	Federal	GW	P
WV EXT 10W-17-8-21	WVX 10W-17-8-20	NWSE	17	080S	210E	4304734561	13744	Federal	GW	P
GH EXT 15W-17-8-21	GHX 15W-17-8-20	SWSE	17	080S	210E	4304734562	13674	Federal	GW	P
GYPSUM HILLS 13HG-17-8-21	GHX 13HG-17-8-21	SWSW	17	080S	210E	4304734723	5355	Federal	OW	S
GH 1G-17-8-21	GH 1G-17-8-21	NENE	17	080S	210E	4304734927	5355	Federal	OW	P
WV EXT 2W-17-8-21	WVX 2W-17-8-20	NWNE	17	080S	210E	4304734928	14253	Federal	GW	P
WV EXT 8W-17-8-21	WVX 8W-17-8-20	SENE	17	080S	210E	4304734929	13792	Federal	GW	P
GH 4MU-20-8-21	GH 4MU-20-8-21	NWNW	20	080S	210E	4304735068	14213	Federal	GW	P
GYPSUM HILLS 13MU-20-8-21	GH 13MU-20-8-20	SWSW	20	080S	210E	4304735070	14817	Federal	GW	P
GH 5W-20-8-21	GH 5W-20-8-21	SWNW	20	080S	210E	4304735097	14557	Federal	GW	P
WVX 3MU-17-8-21	WVX 3MU-17-8-21	NENW	17	080S	210E	4304735318	14113	Federal	GW	P
GH 15ML-18-8-21	GH 15ML-18-8-21	SWSE	18	080S	210E	4304735323	15483	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
GYPSUM HILLS UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GH 1ML-19-8-21	GH 1ML-19-8-21	NENE	19	080S	210E	4304735324	14824	Federal	GW	P
GH 16W-19-8-21	GH 16W-19-8-21	SESE	19	080S	210E	4304735325	14823	Federal	GW	DRL
WVX 14MU-17-8-21	WVX 14MU-17-8-21	SESW	17	080S	210E	4304735369	14098	Federal	GW	P
WVX 12MU-17-8-21	WVX 12MU-17-8-21	NWSW	17	080S	210E	4304735370	15108	Federal	GW	P
WVX 8MU-19-8-21	WVX 8MU-19-8-21	SENE	19	080S	210E	4304735372	14241	Federal	GW	P
GH 10ML-18-8-21	GH 10ML-18-8-21	NWSE	18	080S	210E	4304735391	15482	Federal	GW	P
GH 8G-17-8-21	GH 8G-17-8-21	SENE	17	080S	210E	4304737992	5355	Federal	OW	DRL
GH 16G-17-8-21	GH 16G-17-8-21	SESE	17	080S	210E	4304737993	5355	Federal	OW	DRL
WVX 1MU-17-8-21	WVX 1MU-17-8-21	NENE	17	080S	210E	4304738156		Federal	GW	APD
GH 8MU-20-8-21	GH 8-20-8-21	SENE	20	080S	210E	4304738157		Federal	GW	APD
WVX 13MU-17-8-21	WVX 13MU-17-8-21	SWSW	17	080S	210E	4304738188		Federal	GW	APD
WVX 6MU-17-8-21	WVX 6MU-17-8-21	SENE	17	080S	210E	4304738189		Federal	GW	APD
WVX 4MU-17-8-21	WVX 4MU-17-8-21	NWNW	17	080S	210E	4304738190		Federal	GW	APD
WVX 16MU-18-8-21	WVX 16MU-18-8-21	SESE	18	080S	210E	4304738191		Federal	GW	APD
GH 2MU-19-8-21	GH 2MU-19-8-21	NWNE	19	080S	210E	4304738192		Federal	GW	APD
GH 3MU-19-8-21	GH 3MU-19-8-21	NENW	19	080S	210E	4304738250		Federal	GW	APD
GH 4MU-19-8-21	GH 4MU-19-8-21	NWNW	19	080S	210E	4304738264		Federal	GW	APD
GH 5MU-19-8-21	GH 5MU-19-8-21	SWNW	19	080S	210E	4304738265		Federal	GW	APD
GH 6MU-19-8-21	GH 6MU-19-8-21	SENE	19	080S	210E	4304738266		Federal	GW	APD
GH 7MU-19-8-21	GH 7D-19-8-21	SWNE	19	080S	210E	4304738267		Federal	GW	APD
GH 11MU-19-8-21	GH 11MU-19-8-21	NESW	19	080S	210E	4304738268		Federal	GW	APD
GH 12MU-19-8-21	GH 12MU-19-8-21	NWSW	19	080S	210E	4304738269		Federal	GW	APD
GH 15MU-19-8-21	GH 15MU-19-8-21	SWSE	19	080S	210E	4304738270		Federal	GW	APD
GH 14MU-19-8-21	GH 14MU-19-8-21	SESW	19	080S	210E	4304738472		Federal	GW	APD
WVX 1MU-18-8-21	WVX 1MU-18-8-21	NENE	18	080S	210E	4304738659		Federal	GW	APD
WVX 9MU-18-8-21	WVX 9MU-18-8-21	NESE	18	080S	210E	4304738660		Federal	GW	APD
WVX 8MU-18-8-21	GH 8G-18-8-21	SENE	18	080S	210E	4304738661		Federal	GW	APD
GH 6MU-20-8-21	GH 6-20-8-21	SENE	20	080S	210E	4304738662		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.  
Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED

APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City: Denver STATE: CO ZIP: 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE [Signature] DATE 4/17/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Gypsum Hills (GR) Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Gypsum Hills (GR) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Gypsum Hills (GR) Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Gypsum Hills (GR) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Gypsum Hills (GR) Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	---

CA No.				Unit:		GYPSUM HILLS (GRRV)		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- a. (R649-9-2) Waste Management Plan has been received on: Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY: Denver STATE: CO ZIP: 80265 PHONE NUMBER: (303) 672-6900		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: Attached
COUNTY: Attached		10. FIELD AND POOL, OR WILDCAT: See attached
STATE: UTAH		

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <u><i>Morgan Anderson</i></u>	DATE <u>6/23/2010</u>

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JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
GYPSUM HILLS (GRRV)  
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 4	19	080S	210E	4304730028	5355	Federal	OW	P	
GH 1-19	19	080S	210E	4304731065	5355	Federal	OW	P	
GH 23-21	21	080S	210E	4304731541	5355	Federal	OW	P	
GH 4-21	21	080S	210E	4304731826	5355	Federal	OW	P	
GH 5-21	21	080S	210E	4304731827	5355	Federal	OW	P	
GH 9	20	080S	210E	4304732304	5355	Federal	OW	DRL	C
GH 11	20	080S	210E	4304732459	5355	Federal	OW	P	
GH 13	21	080S	210E	4304732460	5355	Federal	OW	P	
GH 14	20	080S	210E	4304732647	5355	Federal	OW	P	
GH 18	20	080S	210E	4304732650	5355	Federal	OW	P	
GH 19	20	080S	210E	4304732651	5355	Federal	OW	P	
GH 20	20	080S	210E	4304732652	5355	Federal	OW	P	
GH 16	20	080S	210E	4304732675	5355	Federal	OW	P	
GH 10W-19-8-21	19	080S	210E	4304733528	12736	Federal	GW	P	
GH 10G-19-8-21	19	080S	210E	4304733566	5355	Federal	OW	P	
WV 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P	
WV 5W-17-8-21	17	080S	210E	4304733954	13332	Federal	GW	P	
WV 7W-17-8-21	17	080S	210E	4304733956	13330	Federal	GW	P	
GH 9W-17-8-21	17	080S	210E	4304734150	13392	Federal	GW	P	
GH 16W-17-8-21	17	080S	210E	4304734156	13354	Federal	GW	P	
WVX 10W-17-8-21	17	080S	210E	4304734561	13744	Federal	GW	P	
GHX 15W-17-8-21	17	080S	210E	4304734562	13674	Federal	GW	P	
GHX 13HG-17-8-21	17	080S	210E	4304734723	5355	Federal	OW	P	
GH 1G-17-8-21	17	080S	210E	4304734927	5355	Federal	OW	P	
WVX 2W-17-8-21	17	080S	210E	4304734928	14253	Federal	GW	P	
WVX 8W-17-8-21	17	080S	210E	4304734929	13792	Federal	GW	P	
GH 4MU-20-8-21	20	080S	210E	4304735068	14213	Federal	GW	P	
GH 13MU-20-8-21	20	080S	210E	4304735070	14817	Federal	GW	P	
GH 5W-20-8-21	20	080S	210E	4304735097	14557	Federal	GW	P	
WVX 3MU-17-8-21	17	080S	210E	4304735318	14113	Federal	GW	P	
GH 15ML-18-8-21	18	080S	210E	4304735323	15483	Federal	GW	P	
GH 1ML-19-8-21	19	080S	210E	4304735324	14824	Federal	GW	P	
WVX 14MU 17-8-21	17	080S	210E	4304735369	14098	Federal	GW	P	
WVX 12MU-17-8-21	17	080S	210E	4304735370	15108	Federal	GW	P	
WVX 8MU-19-8-21	19	080S	210E	4304735372	14241	Federal	GW	P	
GH 10ML-18-8-21	18	080S	210E	4304735391	15482	Federal	GW	P	
GH 8G-17-8-21	17	080S	210E	4304737992	5355	Federal	OW	P	
GH 16G-17-8-21	17	080S	210E	4304737993	5355	Federal	OW	P	
GH 8G-18-8-21	18	080S	210E	4304738661		Federal	GW	APD	C
GH 6-20-8-21	20	080S	210E	4304738662	17041	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695





## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roy L Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS